

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GROUND-WATER DATA, 1974-76, INDIAN WELLS VALLEY,
KERN, INYO, AND SAN BERNARDINO COUNTIES,
CALIFORNIA

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Open-File Report 78-335

Prepared in cooperation with the
Department of the Navy and the
Indian Wells Valley County Water District

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CONVERSION FACTORS

For readers who prefer to use SI metric units rather than U.S. customary units, the conversion factors for the terms used in this report are listed below.

<i>Multiply U.S. customary unit</i>	<i>By</i>	<i>To obtain SI metric unit</i>
acre	4.047×10^{-1}	ha (hectares)
acre-ft (acre-feet)	1.233×10^{-3}	hm ³ (cubic hectometers)
ft (feet)	3.048×10^{-1}	m (meters)
mi (miles)	1.609	km (kilometers)

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SUMMARY

Water-level measurements were made annually in 115 wells in Indian Wells Valley, Kern, Inyo, and San Bernardino Counties, Calif., in 1974-76. In the Inyokern area the average water-level decline was 2.0 ft for two wells between October 1973 and November 1976. In the intermediate area the average decline was 6.2 ft for five wells between October 1973 and December 1976. In the Ridgecrest area the average decline was 4.5 ft for four wells between October 1973 and December 1976 but was 10.3 ft for one well during the same period.

Reported metered ground-water pumpage from Indian Wells Valley totaled 14,400 acre-ft in 1974, 14,500 acre-ft in 1975, and 14,100 acre-ft in 1976. These figures may not completely reflect the total pumpage from the basin due to changing patterns of land use and new pumping sources.

Chemical analyses were made of 102 water samples collected from 42 wells during 1974-76. In the Inyokern area the dissolved-solids concentration in the sampled water ranged from 301 to 599 mg/L (milligrams per liter). In the intermediate area the dissolved-solids concentration ranged from 212 to 250 mg/L. Chemical constituents in water samples from the intermediate area were below limits recommended by the National Academy of Sciences, National Academy of Engineering (1972) and the U.S. Environmental Protection Agency (1976). In the Ridgecrest area the dissolved-solids concentration increased 454 mg/L from 469 to 923 mg/L in water from one well. In outlying areas (areas outside of major pumping) ground-water quality varied considerably as concentrations of dissolved solids ranged from 414 to 38,400 mg/L.

Examination of the data and observations made while collecting the data indicate a need to evaluate changing patterns of land use and pumping centers, which will necessitate changes in the monitoring network for effective data collection.

This report was prepared in cooperation with the Department of the Navy and the Indian Wells Valley County Water District. Some of the data were obtained from the Naval Weapons Center, Indian Wells Valley County Water District, Kerr-McGee Chemical Corp., Antelope Valley Water Co., and Southern California Edison Co. The cooperation of these agencies and companies is gratefully acknowledged, as is the assistance given by well owners.

WELL-NUMBERING SYSTEM

The well numbering system used by the U.S. Geological Survey in California indicates the location of wells according to the rectangular system for the subdivision of public land. For example, in the well number 26S/39E-24K1 M the first two segments designate the township (T. 26 S.) and the range (R. 39 E.); the third number gives the section (sec. 24); and the letter indicates the 40-acre subdivision of the section, as shown in the accompanying diagram. The final digit is a serial number for wells in each 40-acre subdivision. The final letter (M) indicates the Mount Diablo base line and meridian.

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

WATER LEVELS

Water-level measurements can be used to estimate the quantity of ground water in storage, to determine direction of ground-water movement, and to locate pumping depressions and recharge mounds. Measurements of water levels were made annually in 115 wells in Indian Wells Valley. In this report, measurements made in October 1973 are compared with measurements made in November and December 1976 to determine water-level change.

Water-level contours, based on water-level measurements made during November and December 1976, are shown on plate 1. In Indian Wells Valley at least two aquifer systems exist (Dutcher and Moyle, 1973). Most wells in the northeastern part of the valley are drilled into a shallow aquifer system. Water-level contours in that area reflect only the shallow aquifer, although a deep aquifer may exist. Most wells in the other valley areas are drilled into a deep aquifer and water-level contours reflect that deeper zone. The water-level contour map shows general ground-water movement in the north toward China Lake, an area of natural ground-water discharge. The ground-water movement in the intermediate and Ridgecrest areas is toward the pumping centers. Water-level contours for 1976 in the intermediate and Ridgecrest areas have shifted from contours for 1973 (Banta, 1974). These changing water-level contours are responses to shifting areas of pumping concentration.

Records of water level, 1974-76, for wells in Indian Wells Valley are presented in table 1.

Inyokern Area

The water-level decline was 2.0 ft for two wells (26S/39E-19Q1, 30C1) between October 1973 and November 1976. The decline was 0.7 ft during the same period, or about 0.23 ft per year, in well 19Q1 (fig. 1). The average annual water-level decline since 1952 is 0.7 ft for this well. The water level in well 30C1 declined 3.4 ft during 1973-76 or about 1.1 ft per year. The average annual water-level decline since 1952, however, is only 0.8 ft. Reported metered pumpage in the area was 3,200 acre-ft in 1974, 3,340 acre-ft in 1975, and 3,300 acre-ft in 1976 (fig. 1).

Intermediate Area

Water levels in the intermediate area generally continued to decline during 1974-76. The average water-level decline was 6.2 ft in five wells (26S/39E-24K1, 24Q1, 24R1 and 26S/40E-19N1, 19P1) between October 1973 and December 1976. The water level in well 19P1 declined 5.5 ft, or 1.8 ft per year, between October 1973 and December 1976. The average annual water-level decline since 1952 is 1.4 ft. Exception to the general decline is illustrated by hydrographs of wells 26S/39E-24R1, 25D1 (fig. 2). After several years of steady decline, the water level in well 24R1 stabilized during 1975-76, and the water level in well 25D1 remained virtually constant in 1974-76. In both wells the stabilization of water levels has resulted from decreased pumping in nearby wells. Reported metered pumpage in the area was 5,050 acre-ft in 1974, 4,780 acre-ft in 1975, 4,300 acre-ft in 1976 (fig. 2).

Ridgecrest Area

The hydrograph of well 26S/40E-34N1 (fig. 1), near the center of Ridgecrest, shows 1.3 ft of water-level decline between October 1973 and December 1976, or about 0.4 ft per year. Since 1953 the average annual water-level decline is about 0.5 ft in well 34N1. The average water-level decline was 4.5 ft in four wells (26S/40E-32D1, 32N1, 34N1 and 27S/40E-4A1) between October 1973 and December 1976. In the period 1973-76 the largest water-level decline measured in the Ridgecrest area was 10.3 ft, or about 3.4 ft per year, in well 26S/40E-32N1 about 1.5 mi west of the center of Ridgecrest. Reported metered pumpage was 4,570 acre-ft in 1974, 4,740 acre-ft in 1975, and 4,930 acre-ft in 1976 (fig. 1).

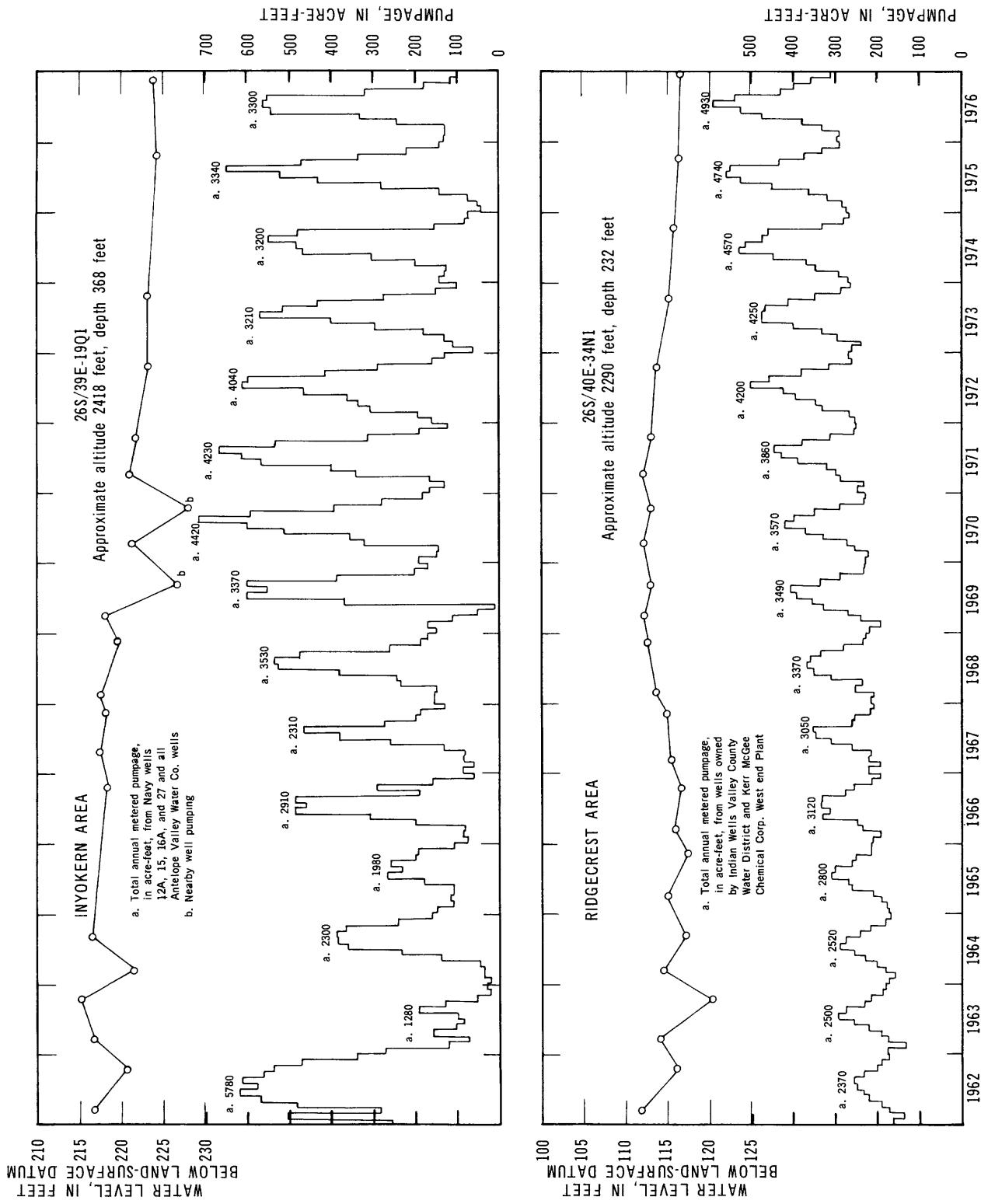


FIGURE 1... Hydrographs of two wells and metered pumpage in the Inyokern and Ridgecrest areas.

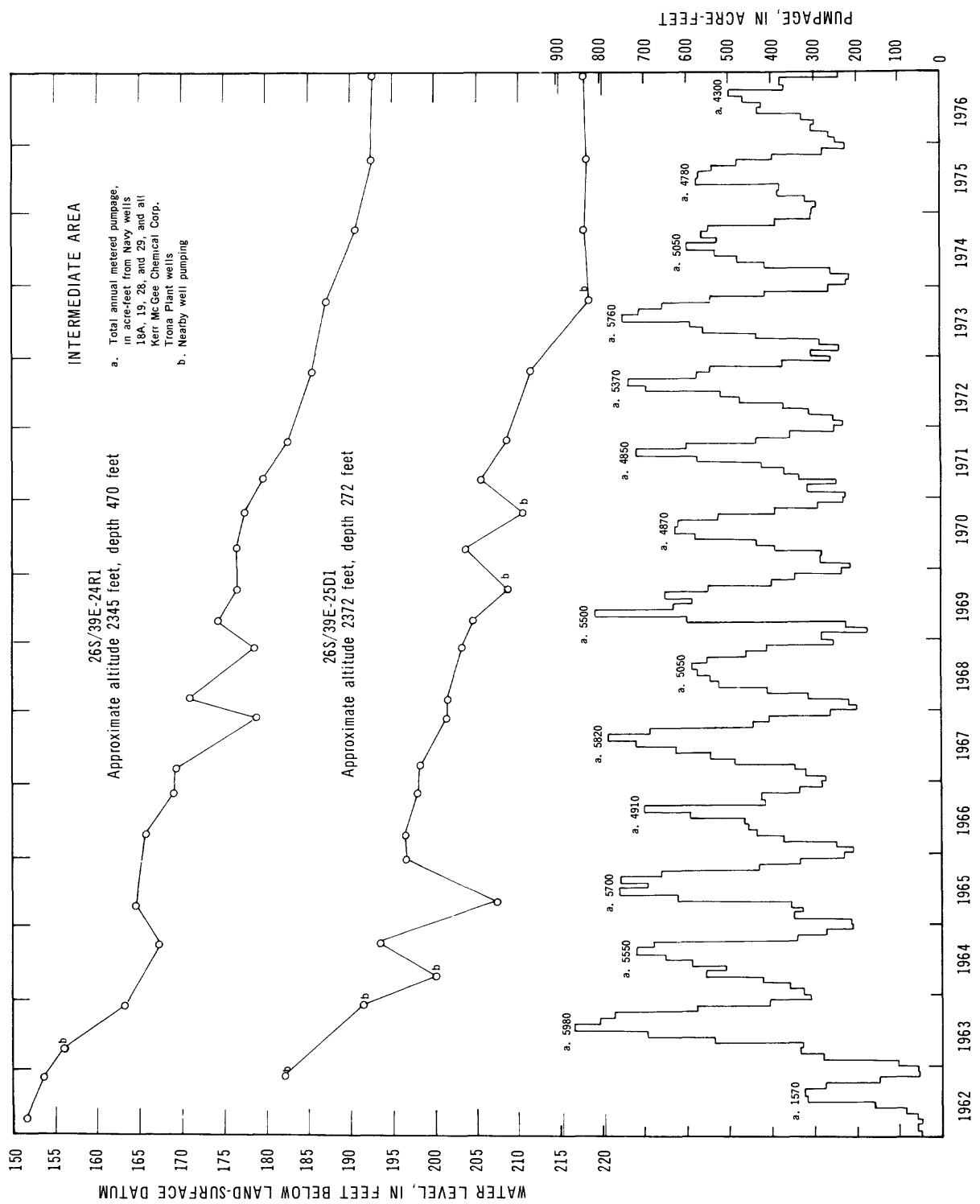


FIGURE 2.—Hydrographs of two wells and metered pumping in the intermediate area.

Outlying Areas

Figure 3 shows hydrographs of four wells outside areas of major pumping.

The hydrograph of well 26S/39E-8K1, about 3 mi northeast of the Inyokern area, shows a water-level decline of 1.5 ft between October 1973 and December 1976. Since 1953 the average annual water-level decline in well 8K1 is 0.4 ft.

The water level in well 26S/40E-22P1 declined 2.6 ft between October 1973 and December 1976. Since 1954 the average annual water-level decline in this well is about 1.0 ft.

The water level in well 26S/40E23C1 declined 0.7 ft in the 1973-76 period.

The hydrograph of well 26S/40E-24C1 shows a water level about the same in December 1976 as in October 1973.

GROUND-WATER PUMPAGE

The total pumpage, in acre-feet, from Indian Wells Valley during 1942-76 is listed below. Figures for recent years may not completely reflect the total pumpage from the basin. An evaluation of land use and new pumping sources will be made during the 1978 fiscal year.

Year	Pumpage								
1942	2,300	1949	5,600	1956	9,400	1963	11,000	1970	14,000
1943	2,800	1950	6,000	1957	9,400	1964	11,600	1971	14,300
1944	3,200	1951	6,500	1958	9,400	1965	11,600	1972	15,200
1945	3,600	1952	7,200	1959	10,000	1966	12,400	1973	14,900
1946	4,200	1953	8,200	1960	10,600	1967	12,300	1974	14,400
1947	4,600	1954	8,400	1961	10,300	1968	13,000	1975	14,500
1948	5,000	1955	9,000	1962	11,000	1969	13,500	1976	14,100

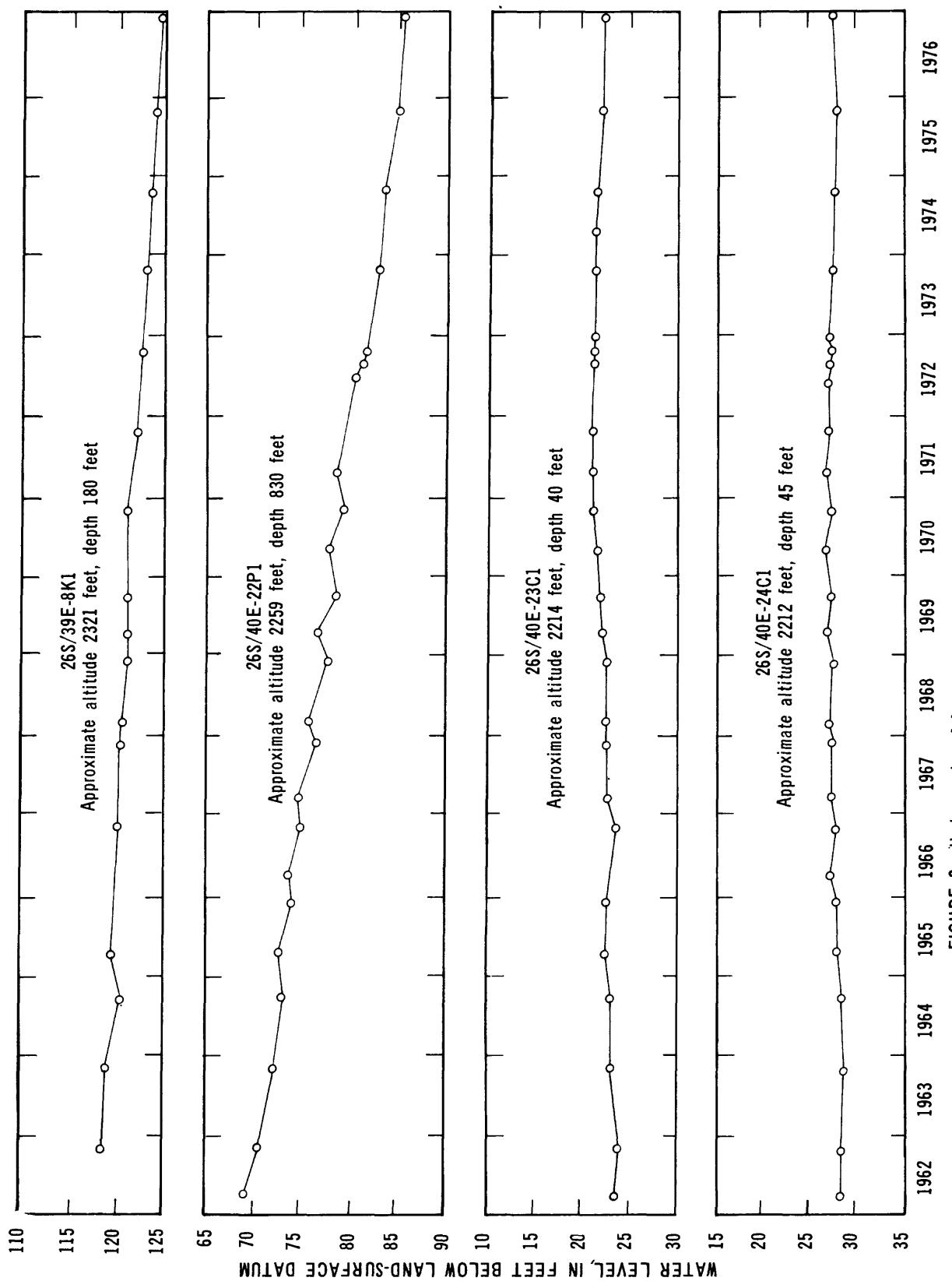


FIGURE 3.—Hydrographs of four wells outside areas of major pumping.

WATER QUALITY

Chemical analyses were made on 102 water samples collected from 42 wells in the Indian Wells Valley during the period 1974-76 (table 2). Values for about 25 major constituents and 15 trace elements are listed in table 2. Where applicable, values for alkalinity as calcium carbonate, percent sodium, and sodium adsorption ratio (SAR) were calculated by computer program.

The analyses of water samples received from the Navy laboratory showed a computed dissolved-solids concentration determined by multiplying the specific conductance by 0.70. Dissolved-solids concentration, however, is more accurately represented by the sum of determined constituents. For consistency, therefore, analyses from the Navy laboratory were converted to the sum of determined constituents.

The National Academy of Sciences, National Academy of Engineering (1972) and the U.S. Environmental Protection Agency (1976) recommend limits for concentrations of some constituents in public water supplies. These recommended limits are listed in table 3.

In the previous report "Ground-water Data, 1973, Indian Wells Valley, California" (Banta, 1974) four values for iron listed in table 1 are in error and should read:

26S/39E-19P1	90 µg/L (micrograms per liter)
-19Q2	50 µg/L
-23J1	90 µg/L
-30F3	450 µg/L

Inyokern Area

Chemical analyses were made for 13 water samples collected from six wells during 1974-76. Dissolved solids ranged from 301 to 599 mg/L. The National Academy of Sciences, National Academy of Engineering (1972) and the U.S. Environmental Protection Agency (1976) do not recommend a precise limit for concentrations of dissolved solids in water, but indicate that water with dissolved-solids concentrations below 500 mg/L is more desirable for public water supply and for irrigation than water with higher values. Calcium plus magnesium values were less than 85 mg/L, and values for sodium plus potassium were below 125 mg/L. The chemical analyses indicate, generally, water of good quality in the Inyokern area.

Intermediate Area

Eleven water samples were collected for chemical analysis from six wells during 1974-76. Dissolved solids ranged from 212 to 250 mg/L. Values for calcium plus magnesium were below 41 mg/L, and sodium plus potassium values were less than 90 mg/L. All chemical constituents in the samples collected are below limits recommended by the National Academy of Sciences, National Academy of Engineering (1972) and the U.S. Environmental Protection Agency (1976). Chemical quality of water from wells in the intermediate area is good.

Ridgecrest Area

Ten water samples were collected for chemical analysis from seven wells during 1974-76. Dissolved-solids concentration in water samples from well 27S/40E-3R1 increased 454 mg/L from 469 to 923 mg/L. Most of the increase is attributed to large increases in sodium, sulfate, and chloride. Chloride increased from 110 to 280 mg/L during 1974-76, but a partial chemical analysis in 1954 reported chloride at 459 mg/L. Reasons for the recent increases in chemical constituents in water samples from well 3R1 are unknown at the present time. In analyses of water samples from well 26S/40E-34N1 in 1974 and 1976, concentrations of dissolved solids increased 64 mg/L from 371 to 435 mg/L. The 1973 analysis reported a dissolved-solids concentration of 392 mg/L.

Outlying Areas

Chemical analyses were made for 68 water samples collected from 23 wells during 1974-76. Quality of ground water varies considerably in the outlying areas. Dissolved-solids concentrations in water samples ranged from 414 mg/L to 38,400 mg/L. Only 12 water samples had dissolved-solids concentrations below 500 mg/L. Calcium plus magnesium values ranged from 0.4 to 244 mg/L, and values for sodium plus potassium ranged from 86 to 15,100 mg/L. Chloride values ranged from 20 to 3,700 mg/L.

SELECTED REFERENCES

- Banta, R. L., 1974, Ground-water data, 1973, Indian Wells Valley, California: U.S. Geological Survey open-file report, 9 p.
- Dutcher, L. C., and Moyle, W. R., Jr., 1973, Geologic and hydrologic features of Indian Wells Valley, California: U.S. Geological Survey Water-Supply Paper 2007, 30 p.
- Hem, J. D., 1970, Study and interpretation of the chemical characteristics of natural water (2d ed.): U.S. Geological Survey Water Supply Paper 1473, 363 p.
- National Academy of Sciences, National Academy of Engineering, 1972 [1974], Water quality criteria, 1972: U.S. Government Printing Office, 594 p.
- U.S. Environmental Protection Agency, 1976, Quality criteria for water: U.S. Environmental Protection Agency, EPA-440/9-76-023, 501 p.

Table 1.--Records of water level, 1974-76

[In feet above (+) or below land-surface datum]

A	WELL BEING PUMPED	N	NO MEASUREMENT
B	WELL PUMPED RECENTLY	P	DESTROYED
C	NEARBY WELL BEING PUMPED	Q	FLOWING
F	DRY		

24S/39E-33N1 M. DEPTH 170 FT IN 1920, 163.0 FT IN 1946, 161.9 FT IN 1952, 164 FT IN 1959, 161.4 FT IN 1972.

LSD 2254.50 FT ABOVE MSL (MEAN SEA LEVEL).

HIGHEST WATER LEVEL 58.86 BELOW LSD, MAR. 16, 1954,

LOWEST WATER LEVEL 61.40 BELOW LSD, DFC. 29, 1976.

RECORDS AVAILABLE: 1920, 1946, 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	61.13	OCT. 16, 1975	61.25	DEC. 29, 1976	61.40		

24S/40F-32H1 M. DEPTH 111.5 FT IN 1953.

LSL 2178.80 FT ABOVE MSL.

HIGHEST WATER LEVEL 4.13 BELOW LSD, MAR. 16, 1954,

LOWEST WATER LEVEL 5.31 BELOW LSD, OCT. 30, 1961.

RECORDS AVAILABLE: 1953-54, 1959, 1961-62, 1964-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	4.69	OCT. 15, 1975	5.28	DEC. 28, 1976	4.85		

24S/40E-33E1 M. DEPTH 160.8 FT IN 1953.

LSD 2178 FT ABOVE MSL.

HIGHEST WATER LEVEL 1.50 ABOVE LSD, SEP. 15, 1969,

LOWEST WATER LEVEL 0.16 ABOVE LSD, OCT. 15, 1975.

RECORDS AVAILABLE: 1953-54, 1959, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	+ 1.37	OCT. 15, 1975	+ .16	DEC. 28, 1976	+ .47		

24S/40E-33N1 M. DEPTH 15.9 FT IN 1953.

LSD 2175.80 FT ABOVE MSL.

HIGHEST WATER LEVEL 3.00 BELOW LSD, FEB. 10, 1954,

LOWEST WATER LEVEL 4.47 BELOW LSD, OCT. 16, 1972, OCT. 30, 1973.

RECORDS AVAILABLE: 1953-54, 1959, 1962, 1964-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	3.67	OCT. 15, 1975	4.46	DEC. 28, 1976	4.07		

24S/40E-34E1 M. SCREENED 20.3-22.3 FT.

LSD 2176.70 FT ABOVE MSL.

HIGHEST WATER LEVEL 4.17 BELOW LSD, MAY 11, 1953, MAY 21, 1953, MAY 23, 1953,

LOWEST WATER LEVEL 4.95 BELOW LSD, OCT. 20, 1953.

RECORDS AVAILABLE: 1953-54, 1959, 1961-63, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	4.77	OCT. 15, 1975	4.80	DEC. 28, 1976	4.86		

Table 1.--Records of water level, 1974-76--Continued

24S/40E-36MI M. DEPTH 7.5 FT IN 1953.
 LSD 2174.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.05 BELOW LSD, OCT. 15, 1975,
 LOWEST WATER LEVEL 4.98 BELOW LSD, SEP. 2, 1959.
 RECORDS AVAILABLE: 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	2.69	OCT. 15, 1975	.05	DEC. 28, 1976	.45		

25S/38E-11K1 M.
 LSD 2400 FT ABOVE MSL.
 HIGHEST WATER LEVEL 192.63 BELOW LSD, MAR. 31, 1953,
 LOWEST WATER LEVEL 201.61 BELOW LSD, OCT. 17, 1972.
 RECORDS AVAILABLE: 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	197.08	OCT. 23, 1975	197.44	NOV. 24, 1976	198.23		

25S/38E-13D1 M. DEPTH 216.0 FT IN 1953, 215.2 FT IN 1972.
 LSD 2351.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 143.98 BELOW LSD, APR. 7, 1953,
 LOWEST WATER LEVEL 151.59 BELOW LSD, NOV. 24, 1976.
 RECORDS AVAILABLE: 1946, 1953-55, 1959, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	150.07	OCT. 23, 1975	150.28	NOV. 24, 1976	151.59		

25S/38E-13K1 M. DEPTH 141.5 FT IN 1946, 139.7 FT IN 1953, 140.3 FT IN 1972.
 LSD 2316.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 110.74 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 115.94 BELOW LSD, OCT. 23, 1975.
 RECORDS AVAILABLE: 1946, 1953-54, 1959, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	115.70	OCT. 23, 1975	115.94	NOV. 24, 1976	P		

25S/38E-23G1 M. DEPTH 263.6 FT IN 1946, 259.0 FT IN 1953.
 LSD 2412 FT ABOVE MSL.
 HIGHEST WATER LEVEL 202.22 BELOW LSD, APR. 7, 1953,
 LOWEST WATER LEVEL 210.77 BELOW LSD, NOV. 24, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	209.43	OCT. 23, 1975	209.95A	NOV. 24, 1976	210.77		

25S/38E-24C1 M. DEPTH 138.4 FT IN 1946, 135.48 FT IN 1953, 134.3 FT IN 1972.
 LSD 2329.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 122.72 BELOW LSD, APR. 7, 1953, JAN. 19, 1954,
 LOWEST WATER LEVEL 130.15 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	128.39	OCT. 23, 1975	128.62	DEC. 31, 1976	130.15		

Table 1.--Records of water level, 1974-76--Continued

25S/38E-25L1 M. PERFORATED 212-232 FT.
 LSD 2329.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 119.31 BELOW LSD, JUNE 6, 1952,
 LOWEST WATER LEVEL 131.78 BELOW LSD, SEP. 17, 1969.
 RECORDS AVAILABLE: 1952-59, 1961-69, 1971-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	128.32	OCT. 23, 1975	129.09	NOV. 23, 1976	130.13		

25S/38E-35B1 M. PERFORATED 200-298 FT; DEPTH 288.7 FT IN 1952.
 LSD 2402.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 184.59 BELOW LSD, MAR. 31, 1953,
 LOWEST WATER LEVEL 194.76 BELOW LSD, NOV. 23, 1976.
 RECORDS AVAILABLE: 1920, 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	193.44	OCT. 23, 1975	194.02	NOV. 23, 1976	194.76		

25S/39E-2E1 M. DEPTH 220.4 FT IN 1920, 142.5 FT IN 1946, 210.5 FT IN 1952.
 LSD 2227.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 36.12 BELOW LSD, JULY 16, 1952,
 LOWEST WATER LEVEL 40.72 BELOW LSD, SEP. 16, 1969.
 RECORDS AVAILABLE: 1912, 1920-21, 1946, 1952-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	38.67	OCT. 16, 1975	38.55	DEC. 29, 1976	38.60		

25S/39E-4R1 M. PERFORATED 100-200 FT.
 LSD 2252.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 55.31 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 65.90 BELOW LSD, APR. 23, 1970.
 RECORDS AVAILABLE: 1953, 1955-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	A	OCT. 16, 1975	A	OCT. 21, 1975	A	DEC. 29, 1976	A
OCT. 24	61.35						

25S/39E-11N1 M. DEPTH 110 FT IN 1946, 107 FT IN 1953.
 LSD 2228.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 34.00 BELOW LSD, , 1921,
 LOWEST WATER LEVEL 37.04 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	36.80	OCT. 16, 1975	36.89	DEC. 29, 1976	37.04		

25S/39F-12R1 M. DEPTH 180.5 FT IN 1952.
 LSD 2200.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.00 BELOW LSD, , 1912,
 LOWEST WATER LEVEL 18.60 BELOW LSD, DEC. 28, 1976.
 RECORDS AVAILABLE: 1912, 1921, 1953-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	18.56	OCT. 15, 1975	18.59	DEC. 28, 1976	18.60		

Table 1.--Records of water level, 1974-76--Continued

25S/39E-21D1 M. DEPTH 46 FT IN 1946, 46.7 FT IN 1952.
 LSD 2235.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 36.39 BELOW LSD, JULY 17, 1952, MAR. 31, 1953,
 LOWEST WATER LEVEL 40.07 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	39.58	OCT. 21, 1975	39.72	DEC. 29, 1976	40.07		

25S/39E-22J1 M. DEPTH 143.5 FT IN 1946, 144.0 FT IN 1953.
 LSD 2215.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 23.40 BELOW LSD, APR. 8, 1953,
 LOWEST WATER LEVEL 25.78 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1953-54, 1959, 1961.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	25.54	OCT. 21, 1975	25.65	DEC. 29, 1976	25.78		

25S/39E-26H1 M. U.S. DEPARTMENT OF THE NAVY. ABOUT 7 MILES NORTHWEST OF CHINA LAKE. DRILLED
 BASE SUPPLY WELL IN DUNE SAND, DIAMETER 12 INCHES. DEPTH 186 FT., LSD 2202.8 FT. ABOVE MSL.
 LSD 2202.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.80 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 51.73 BELOW LSD, OCT. 20, 1971.
 RECORDS AVAILABLE: 1952-55, 1957, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	16.53	OCT. 21, 1975	16.53	DEC. 29, 1976	16.65		

25S/39E-26N1 M.
 LSD 2220.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 28.03 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 30.64 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	30.38	OCT. 21, 1975	30.49	DEC. 29, 1976	30.64		

25S/39E-28P1 M. DEPTH 160.7 FT IN 1952.
 LSD 2228.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.50 BELOW LSD, , 1921,
 LOWEST WATER LEVEL 34.47 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1952-59, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	34.07	OCT. 21, 1975	34.24	DEC. 29, 1976	34.47		

25S/39E-28R1 M. DEPTH 196 FT IN 1912, 122.4 FT IN 1952.
 LSD 2221.78 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.36 BELOW LSD, JULY 17, 1952,
 LOWEST WATER LEVEL 34.95 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1912, 1921, 1952-54, 1958-59, 1966-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	34.55	OCT. 21, 1975	34.72	DEC. 29, 1976	34.95		

Table 1.--Records of water level, 1974-76--Continued

25S/39E-29M1 M. DEPTH 206 FT IN 1912, 140.7 FT IN 1953.
 LSD 2232.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.00 BELOW LSD, SEP. , 1912,
 LOWEST WATER LEVEL 34.82 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1912, 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	34.18	OCT. 21, 1975	34.44	DEC. 29, 1976	34.82		

25S/39E-31E1 M. DEPTH 163.9 FT IN 1946, 164 FT IN 1952.
 LSD 2283.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 74.26 BELOW LSD, JUNE 6, 1952,
 LOWEST WATER LEVEL 83.70 BELOW LSD, OCT. 22, 1952.
 RECORDS AVAILABLE: 1946, 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	82.32	OCT. 23, 1975	93.88A	DEC. 31, 1976	N		

25S/39E-35N1 M. DEPTH 152.0 FT IN 1952.
 LSD 2253.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 57.77 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 61.73 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1921, 1952-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	61.26	OCT. 21, 1975	61.36	DEC. 29, 1976	61.73		

25S/40E-8A1 M. PERFORATED 12.8-18.8 FT.
 LSD 2183.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 6.60 BELOW LSD, MAY 11, 1953,
 LOWEST WATER LEVEL 7.85 BELOW LSD, OCT. 15, 1975.
 RECORDS AVAILABLE: 1953-54, 1959, 1961, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1974	7.55	MAR. 24, 1975	7.48	AUG. 17, 1976	7.81	DEC. 28, 1976	7.71
OCT. 24	7.68	OCT. 15	7.85				

25S/40E-11K1 M. DEPTH 62.3 FT IN 1952.
 LSD 2166.37 FT ABOVE MSL.
 HIGHEST WATER LEVEL FLOWING, DEC. 18, 1952, MAR. 3, 1953, MAY 11, 1953, AUG. 28, 1959,
 LOWEST WATER LEVEL 1.44 ABOVE LSD, OCT. 15, 1975.
 RECORDS AVAILABLE: 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974 +	2.08	OCT. 15, 1975 +	1.44	DEC. 28, 1976 +	1.47		

25S/40E-12Q1 M. DEPTH 14.5 FT IN 1952.
 LSD 2160.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.39 BELOW LSD, MAY 13, 1954,
 LOWEST WATER LEVEL 4.97 BELOW LSD, OCT. 16, 1972.
 RECORDS AVAILABLE: 1952-54, 1959, 1961-62, 1964-65, 1967-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	3.70	OCT. 15, 1975	4.79	DEC. 28, 1976	4.06		

Table 1.--Records of water level, 1974-76--Continued

25S/40E-18R1 M. DEPTH 31.3 FT IN 1952.

LSD 2183 FT ABOVE MSL.

HIGHEST WATER LEVEL 1.52 BELOW LSD, MAY 13, 1952,

LOWEST WATER LEVEL 3.69 BELOW LSD, OCT. 22, 1974, AUG. 17, 1976.

RECORDS AVAILABLE: 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1974	2.66	MAR. 24, 1975	2.93	AUG. 17, 1976	3.69	DEC. 29, 1976	3.24
OCT. 22	3.69	OCT. 16	3.59				

25S/40E-19L1 M. DEPTH 10.7 FT IN 1959.

LSD 2188.20 FT ABOVE MSL.

HIGHEST WATER LEVEL 7.31 BELOW LSD, MAY 13, 1952,

LOWEST WATER LEVEL 9.78 BELOW LSD, OCT. 22, 1974.

RECORDS AVAILABLE: 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	9.78	OCT. 16, 1975	9.55	DEC. 29, 1976	9.41		

25S/40E-20F1 M. DEPTH 182.6 FT IN 1952.

LSL 2179.50 FT ABOVE MSL.

HIGHEST WATER LEVEL 0.83 ABOVE LSD, MAY 13, 1952,

LOWEST WATER LEVEL 1.08 BELOW LSD, AUG. 18, 1976.

RECORDS AVAILABLE: 1952-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1974	.62	MAR. 24, 1975	.69	AUG. 18, 1976	1.08	DEC. 29, 1976	.91
OCT. 22	1.01	OCT. 16	1.04				

25S/40E-27E1 M. PERFORATED 9.2-18.7 FT.

LSD 2168.74 FT ABOVE MSL.

HIGHEST WATER LEVEL 3.39 BELOW LSD, JULY 8, 1953,

LOWEST WATER LEVEL 4.78 BELOW LSD, OCT. 15, 1975.

RECORDS AVAILABLE: 1953-54, 1959, 1961-62, 1964-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	4.65	OCT. 15, 1975	4.78	DEC. 29, 1976	4.65		

25S/40E-33L1 M. PERFORATED 70-90, 110-130 FT; OPEN END AT 171 FT.

LSD 2171.10 FT ABOVE MSL.

HIGHEST WATER LEVEL 1.43 BELOW LSD, JULY 21, 1954,

LOWEST WATER LEVEL 27.36 BELOW LSD, MAR. 9, 1954.

RECORDS AVAILABLE: 1954-55, 1959, 1961-62, 1964.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1974	3.30	MAR. 25, 1975	2.32	AUG. 17, 1976	2.72	DEC. 29, 1976	2.57
OCT. 23	2.58	OCT. 16	2.88				

Table 1.--Records of water level, 1974-76--Continued

25S/40E-33L2 M. PERFORATED 2-22 FT.
 LSD 2171 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.95 BELOW LSD, MAR. 7, 1974,
 LOWEST WATER LEVEL 3.04 BELOW LSD, OCT. 17, 1972.
 RECORDS AVAILABLE: 1954-55, 1959, 1961-62, 1964-68, 1970-72, 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1974	1.95	MAR. 25, 1975	2.10	AUG. 17, 1976	2.68	DEC. 29, 1976	2.40
OCT. 23	2.35	OCT. 16	2.80				

25S/40E-35P1 M. PERFORATED 8.3-17.6 FT.
 LSD 2158.83 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.96 BELOW LSD, APR. 10, 1974,
 LOWEST WATER LEVEL 9.59 BELOW LSD, DEC. 17, 1953.
 RECORDS AVAILABLE: 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	7.96	OCT. 22, 1974	8.36	OCT. 15, 1975	8.96	DEC. 29, 1976	8.63

25S/41E-19L1 M. SCREENED 21.9-23.5 FT.
 LSD 2157.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 4.15 BELOW LSD, SEP. 15, 1969,
 LOWEST WATER LEVEL 5.80 BELOW LSD, OCT. 31, 1961.
 RECORDS AVAILABLE: 1953-54, 1959, 1961-64, 1966-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	4.67	OCT. 15, 1975	5.32	DEC. 28, 1976	4.73		

25S/41E-28B1 M. PERFORATED 127-161.8 FT.
 LSD 2238.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 67.58 BELOW LSD, MAR. 16, 1954,
 LOWEST WATER LEVEL 68.84 BELOW LSD, MAR. 10, 1954.
 RECORDS AVAILABLE: 1954, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	68.01	OCT. 15, 1975	68.00	DEC. 28, 1976	68.02		

25S/41E-31C1 M. DEPTH 14.0 FT IN 1953, 9.2 FT IN 1959, 8.9 FT IN 1963, 8.25 FT IN 1965.
 LSD 2153.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.80 BELOW LSD, SEP. 15, 1969,
 DRY, WATER LEVEL NOT MEASUREABLE, FEB. 8, 1954, SEP. 8, 1964, MAR. 31, 1965.
 RECORDS AVAILABLE: 1953-54, 1959, 1961-71, 1973-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	4.33	OCT. 15, 1975	6.31	DEC. 28, 1976	4.73		

26S/39E-2C1 M. DEPTH 94 FT IN 1946, 76.4 FT IN 1952.
 LSD 2248.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 54.27 BELOW LSD, JUNE 21, 1954,
 LOWEST WATER LEVEL 57.62 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1952-54, 1959, 1962, 1965-66, 1968-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	57.16	OCT. 21, 1975	57.37	DEC. 29, 1976	57.62		

Table 1.--Records of water level, 1974-76--Continued

26S/39E-2N1 M. DEPTH 158.7 FT IN 1946, 158.5 FT IN 1953.
 LSD 2285.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 82.60 BELOW LSD, JAN. 24, 1946,
 LOWEST WATER LEVEL 92.60 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1953, 1959, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	91.60	OCT. 21, 1975	92.01	DEC. 29, 1976	92.60		

26S/39E-5F1 M. PERFORATED 100-200 FT.
 LSD 2276.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 71.22 BELOW LSD, SEP. 9, 1952,
 LOWEST WATER LEVEL 77.98 BELOW LSD, OCT. 25, 1963.
 RECORDS AVAILABLE: 1952-55, 1957-59, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	75.76	OCT. 21, 1975	75.95	DEC. 29, 1976	76.43		

26S/39E-7N1 M. DEPTH 600 FT IN 1946, 368 FT IN 1952.
 LSD 2394.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 184.11 BELOW LSD, OCT. 20, 1953,
 LOWEST WATER LEVEL 199.00 BELOW LSD, NOV. 23, 1976.
 RECORDS AVAILABLE: 1946, 1952-53, 1958, 1960-62, 1964-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	197.40	OCT. 23, 1975	197.90	NOV. 23, 1976	199.00		

26S/39E-8K1 M. DEPTH 181.8 FT IN 1946, 180.2FT IN 1959.
 LSD 2321 FT ABOVE MSL.
 HIGHEST WATER LEVEL 113.90 BELOW LSD, FEB. 1, 1946,
 LOWEST WATER LEVEL 124.55 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1953-54, 1959, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	123.50	OCT. 22, 1975	123.96	DEC. 29, 1976	124.55		

26S/39E-11E1 M. PERFORATIONS UNKNOWN: DEPTH 250 FT IN 1945.
 LSD 2305 FT ABOVE MSL.
 HIGHEST WATER LEVEL 102.23 BELOW LSD, APR. 22, 1952,
 LOWEST WATER LEVEL 111.37 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1952-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	110.82	OCT. 22, 1975	111.16	DEC. 29, 1976	111.37		

26S/39E-12G1 M. DEPTH 200 FT WHEN DRILLED, 137.0 FT IN 1959.
 LSD 2277 FT ABOVE MSL.
 HIGHEST WATER LEVEL 79.60 BELOW LSD, JAN. 22, 1946,
 LOWEST WATER LEVEL 85.78 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1946, 1953-55, 1957-59, 1961-62, 1965-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	85.08	OCT. 21, 1975	85.39	DEC. 31, 1976	85.78		

Table 1.--Records of water level, 1974-76--Continued.

26S/39E-14E1 M. DEPTH 244.5 FT IN 1946, 242.3 FT IN 1952.
 LSD 2334.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 126.50 BELOW LSD, JAN. 22, 1946,
 LOWEST WATER LEVEL 144.44 BELOW LSD, DEC. 29, 1976.
 RECORDS AVAILABLE: 1946, 1952-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	143.25	OCT. 22, 1975	143.87	DEC. 29, 1976	144.44		

26S/39E-19Q1 M. PERFORATED 251-371 FT; DEPTH 367.5 FT IN 1952.
 LSD 2418.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 207.50 BELOW LSD, SEP. 7, 1945,
 LOWEST WATER LEVEL 231.05 BELOW LSD, SEP. 5, 1960.
 RECORDS AVAILABLE: 1945, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	N	OCT. 22, 1975	224.38	NOV. 23, 1976	223.76		

26S/39E-19Q2 M. PERFORATED 300-510 FT; OPEN HOLE 510-560 FT.
 LSD 2418 FT ABOVE MSL.
 HIGHEST WATER LEVEL 208.20 BELOW LSD, APR. 21, 1970,
 LOWEST WATER LEVEL 228.00 BELOW LSD, JUNE 16, 1967.
 RECORDS AVAILABLE: 1967-70.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	221.29	OCT. 22, 1975	222.78	NOV. 23, 1976	222.22		

26S/39E-23E1 M. DEPTH 307 FT IN 1920, 192.1 FT IN 1946, 190.0 FT IN 1952. NO RECORD OF DEEPENING.
 LSD 2372.30 FT ABOVE MSL.
 HIGHEST WATER LEVEL 163.00 BELOW LSD, JAN. 27, 1920,
 DRY, WATER LEVEL NOT MEASUREABLE, OCT. 23, 1975, DEC. 29, 1976.
 RECORDS AVAILABLE: 1920-21, 1946, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	196.98	OCT. 23, 1975	F	DEC. 29, 1976	F		

26S/39E-24K1 M. PERFORATED 190-197, 230-278, 287-301 FT; DEPTH 323.1 FT IN 1953.
 LSD 2347.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 153.54 BELOW LSD, MAR. 16, 1953,
 LOWEST WATER LEVEL 193.31 BELOW LSD, OCT. 21, 1975.
 RECORDS AVAILABLE: 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	192.04	OCT. 21, 1975	193.31	DEC. 31, 1976	192.93		

26S/39E-24M1 M. PERFORATED 220-405, 450-620, 730-800 FT.
 LSD 2366.46 FT ABOVE MSL.
 HIGHEST WATER LEVEL 172.87 BELOW LSD, NOV. 9, 1960,
 LOWEST WATER LEVEL 213.57 BELOW LSD, NOV. 1, 1973.
 RECORDS AVAILABLE: 1960, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1974	A	OCT. 21, 1975	A	OCT. 31, 1976	A		

Table 1.--Records of water level, 1974-76--Continued

26S/39E-24Q1 M. PERFORATED 180-200, 230-285, 325-345 FT.
 LSD 2350.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 151.50 BELOW LSD, FEB. 20, 1946,
 LOWEST WATER LEVEL 204.68 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1946, 1952-60, 1963-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	195.50	OCT. 22, 1975	196.83	DEC. 31, 1976	204.68		

26S/39E-24R1 M. PERFORATED 160-281, 412-460 FT.
 LSD 2344.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 122.00 BELOW LSD, JULY 28, 1965,
 LOWEST WATER LEVEL 192.60 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1944-50, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	190.79	OCT. 22, 1975	192.42	DEC. 31, 1976	192.60		

26S/39E-25D1 M. DEPTH 272 FT IN 1952.
 LSD 2372.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 154.50 BELOW LSD, SEP. , 1912,
 LOWEST WATER LEVEL 218.10 BELOW LSD, OCT. 19, 1973.
 RECORDS AVAILABLE: 1912, 1920, 1947-50, 1952-58, 1960-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	217.88	OCT. 24, 1975	218.00	DEC. 31, 1976	217.75		

26S/39E-25E1 M. PERFORATED 179-372 FT.
 LSD 2372.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 178.65 BELOW LSD, FEB. 17, 1953,
 LOWEST WATER LEVEL 218.51 BELOW LSD, OCT. 24, 1974.
 RECORDS AVAILABLE: 1950-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	218.51	OCT. 24, 1975	N	DEC. 31, 1976	N		

26S/39E-26C1 M. DEPTH 249 FT IN 1952.
 LSD 2394.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 196.11 BELOW LSD, APR. 2, 1953,
 LOWEST WATER LEVEL 233.03 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1952-55, 1957-58, 1960, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	231.41	OCT. 24, 1975	232.28	DEC. 31, 1976	233.03		

26S/39E-30C1 M. RECORDS IN 1944-47 FURNISHED BY U.S.NAVY. PERFORATED 238-282, 286-338 FT.
 LSD 2427.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 210.00 BELOW LSD, JUNE 19, 1944,
 LOWEST WATER LEVEL 240.22 BELOW LSD, OCT. 21, 1966.
 RECORDS AVAILABLE: 1944-47, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	232.30	OCT. 22, 1975	237.98	NOV. 23, 1976	238.18		

Table 1.--Records of water level, 1974-76--Continued

26S/39E-30F1 M. PERFORATED 250-321, 369-386 FT; DEPTH 385.0 FT IN 1966.
 LSD 2433.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 220.00 BELOW LSD, SEP. 17, 1944,
 LOWEST WATER LEVEL 250.78 BELOW LSD, OCT. 31, 1973.
 RECORDS AVAILABLE: 1944, 1950, 1959, 1966-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	238.84	OCT. 22, 1975	240.07	NOV. 23, 1976	239.68		

26S/40E-1A1 M. DEPTH 15.25 FT IN 1953.
 LSD 2153.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 4.00 BELOW LSD, , 1921,
 DRY, WATER LEVEL NOT MEASUREABLE, OCT. 15, 1975, DEC. 28, 1976.
 RECORDS AVAILABLE: 1921, 1953-62, 1964-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	5.13	OCT. 15, 1975	F	DEC. 28, 1976	F		

26S/40E-1A2 M. PERFORATED 80-100, 110-130, 170-190 FT; DEPTH 197.5 FT IN 1954.
 LSD 2157.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL FLOWING, JAN. 10, 1961, FEB. 15, 1961, MAR. 13, 1961, APR. 18, 1961,
 MAY 22, 1961, JUNE 26, 1961, JULY 25, 1961, AUG. 23, 1961, AUG. 23, 1961, SEP. 20, 1961,
 OCT. 26, 1961, NOV. 21, 1961, DEC. 18, 1961, JAN. 18, 1962, FEB. 19, 1962, MAR. 21, 1962,
 APR. 24, 1962, MAY 21, 1962, JUNE 19, 1962, JULY 19, 1962, AUG. 21, 1962, SEP. 18, 1962,
 OCT. 22, 1962, NOV. 19, 1962, OCT. 21, 1963, SEP. 7, 1964, NOV. 21, 1965, OCT. 22, 1966,
 NOV. 16, 1967, NOV. 21, 1968, SEP. 15, 1969, OCT. 15, 1970, OCT. 26, 1971, OCT. 16, 1972,
 LOWEST WATER LEVEL 0.98 ABOVE LSD, MAR. 9, 1954.
 RECORDS AVAILABLE: 1954-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	Q	OCT. 15, 1975	Q	DEC. 28, 1976	Q		

26S/40E-1J1 M. PERFORATED 12.3-18.3 FT.
 LSD 2161.78 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.00 BELOW LSD, APR. 10, 1974,
 LOWEST WATER LEVEL 8.44 BELOW LSD, DEC. 16, 1953.
 RECORDS AVAILABLE: 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	3.00	OCT. 23, 1974	3.14	OCT. 15, 1975	4.76	DEC. 28, 1976	4.65

26S/40E-1Q1 M. DEPTH 21.8 FT IN 1956.
 LSD 2161.60 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.97 BELOW LSD, DEC. 13, 1960,
 LOWEST WATER LEVEL 4.86 BELOW LSD, DEC. 21, 1956.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	2.84	OCT. 22, 1974	3.12	OCT. 15, 1975	4.28	DEC. 28, 1976	4.28

Table 1.--Records of water level, 1974-76--Continued

26S/40E-1Q2 M. DEPTH 21.6 FT IN 1956.
 LSD 2159.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 3.22 BELOW LSD, NOV. 21, 1965,
 LOWEST WATER LEVEL 7.12 BELOW LSD, DEC. 20, 1956.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	3.58	OCT. 22, 1974	3.56	OCT. 15, 1975	4.59	DEC. 28, 1976	4.43

26S/40E-6E1 S. DEPTH 45.0 FT IN 1952.
 LSD 2231.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 34.60 BELOW LSD, JAN. 27, 1920,
 DRY, WATER LEVEL NOT MEASUREABLE, OCT. 22, 1974, OCT. 21, 1975, DEC. 31, 1976.
 RECORDS AVAILABLE: 1920-21, 1946, 1953-54, 1958-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	F	OCT. 21, 1975	F	DEC. 31, 1976	F		

26S/40E-10F1 M. PERFORATED 37.0-43.3 FT.
 LSD 2188.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 16.97 BELOW LSD, APR. 1, 1974,
 LOWEST WATER LEVEL 19.33 BELOW LSD, MAY 27, 1953, JUNE 22, 1953.
 RECORDS AVAILABLE: 1953-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1974	17.04	OCT. 22, 1974	17.10	OCT. 16, 1975	17.11	DEC. 27, 1976	17.07
APR. 1	16.97	MAR. 25, 1975	17.05	AUG. 18, 1976	17.09		

26S/40E-11J1 M. WELL POINT 16.3-18.3 FT.
 LSD 2173.95 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.58 BELOW LSD, APR. 10, 1974,
 LOWEST WATER LEVEL 5.94 BELOW LSD, SEP. 21, 1953.
 RECORDS AVAILABLE: 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1974	2.92	OCT. 22, 1974	3.93	OCT. 16, 1975	4.52	DEC. 27, 1976	3.95
APR. 10	2.58	MAR. 25, 1975	3.39	AUG. 18, 1976	4.60		

26S/40E-12A1 M. DEPTH 21.4 FT IN 1956.
 LSD 2168 FT ABOVE MSL.
 HIGHEST WATER LEVEL 2.73 BELOW LSD, APR. 10, 1974,
 LOWEST WATER LEVEL 6.20 BELOW LSD, OCT. 17, 1957.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	2.73	OCT. 22, 1974	3.62	OCT. 15, 1975	5.08	DEC. 28, 1976	4.40

26S/40E-12G1 M. DEPTH 22.3 FT IN 1956.
 LSD 2170.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.09 BELOW LSD, APR. 10, 1974,
 LOWEST WATER LEVEL 7.87 BELOW LSD, OCT. 17, 1957.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	5.09	OCT. 22, 1974	6.14	OCT. 16, 1975	7.20	DEC. 28, 1976	6.58

Table 1.--Records of water level, 1974-76--Continued

26S/40E-12Q1 M. DEPTH 21.8 FT IN 1956.
 LSD 2175.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 1.14 BELOW LSD, FEB. 19, 1962,
 LOWEST WATER LEVEL 2.47 BELOW LSD, AUG. 14, 1957, SEP. 18, 1957.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	1.44	OCT. 22, 1974	1.77	OCT. 16, 1975	2.19	DEC. 28, 1976	1.72

26S/40E-12R1 M. DEPTH 20.9 FT IN 1956.
 LSD 2181.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.98 ABOVE LSD, MAY 22, 1962,
 LOWEST WATER LEVEL 1.65 BELOW LSD, JULY 2, 1956, AUG. 8, 1956.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	.51	OCT. 22, 1974	.79	OCT. 16, 1975	.93	DEC. 28, 1976	.65

26S/40E-13C1 M. DEPTH 21.5 FT IN 1956.
 LSD 2189.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.47 BELOW LSD, DEC. 18, 1972, APR. 10, 1974,
 LOWEST WATER LEVEL 8.34 BELOW LSD, SEP. 14, 1956.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	5.47	OCT. 22, 1974	6.58	OCT. 16, 1975	6.75	DEC. 30, 1976	6.54

26S/40E-13M1 M. DEPTH 22.2 FT IN 1960.
 LSD 2196.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 9.06 BELOW LSD, FEB. 26, 1968,
 LOWEST WATER LEVEL 13.28 BELOW LSD, AUG. 8, 1956.
 RECORDS AVAILABLE: 1956-63, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	10.51	OCT. 22, 1974	10.82	OCT. 16, 1975	10.81	DEC. 30, 1976	10.60

26S/40E-14B1 M. WELL POINT 20-22 FT.
 LSD 2186.50 FT ABOVE MSL.
 HIGHEST WATER LEVEL 4.35 BELOW LSD, APR. 11, 1974,
 LOWEST WATER LEVEL 6.96 BELOW LSD, OCT. 16, 1975.
 RECORDS AVAILABLE: 1972, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 11, 1974	4.35	OCT. 22, 1974	6.28	OCT. 16, 1975	6.96	DEC. 30, 1976	6.08

26S/40E-14H1 M. DEPTH 18.0 FT IN 1956.
 LSD 2195.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 7.37 BELOW LSD, APR. 1, 1965,
 LOWEST WATER LEVEL 12.23 BELOW LSD, SEP. 14, 1956.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	9.65	OCT. 16, 1975	9.74	DEC. 30, 1976	P		

Table 1.--Records of water level, 1974-76--Continued

26S/40E-14L1 M. WELL POINT 55-57 FT.
 LSD 2200.98 FT ABOVE MSL.
 HIGHEST WATER LEVEL 14.66 BELOW LSD, NOV. 11, 1971,
 LOWEST WATER LEVEL 15.21 BELOW LSD, OCT. 22, 1974.
 RECORDS AVAILABLE: 1971-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	14.96	OCT. 22, 1974	15.21	OCT. 16, 1975	15.14	DEC. 30, 1976	14.89

26S/40E-15E1 M. DEPTH 350 FT IN 1920, 112.1 FT IN 1946, 101.1 FT IN 1952.
 LSD 2223.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.99 BELOW LSD, MAR. 26, 1975,
 LOWEST WATER LEVEL 50.60 BELOW LSD, FEB. 3, 1946.
 RECORDS AVAILABLE: 1920-21, 1946, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1974	45.11	MAR. 26, 1975	44.99	AUG. 18, 1976	45.03	DEC. 27, 1976	45.05
OCT. 22	45.10	OCT. 17	45.06				

26S/40E-15E2 M. DEPTH 198.0 FT IN 1946, 197.8 FT IN 1953.
 LSD 2226.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 44.00 BELOW LSD, JAN. 19, 1946,
 LOWEST WATER LEVEL 45.83 BELOW LSD, MAY 1, 1953.
 RECORDS AVAILABLE: 1946, 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 5, 1974	45.04	MAR. 26, 1975	44.71	AUG. 18, 1976	45.16	DEC. 27, 1976	45.11
OCT. 22	45.17	OCT. 17	45.15				

26S/40E-15N1 M. DEPTH 227 FT IN 1946, 225 FT IN 1952.
 LSD 2241.10 FT ABOVE MSL.
 HIGHFST WATER LEVEL 56.58 BELOW LSD, OCT. 24, 1962,
 LOWEST WATER LEVEL 58.60 BELOW LSD, FEB. 3, 1946.
 RECORDS AVAILABLE: 1921, 1946, 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	57.10	OCT. 17, 1975	57.03	DEC. 27, 1976	57.37		

26S/40E-17N1 M. DEPTH 94.0 FT IN 1946, 178.1 FT IN 1960; NO RECORD OF DEEPENING.
 LSD 2293 FT ABOVE MSL.
 HIGHEST WATER LEVEL 87.00 BELOW LSD, 1921,
 LOWEST WATER LEVEL 124.92 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	122.18	OCT. 16, 1975	123.54	DEC. 31, 1976	124.92		

26S/40E-18E1 M. DEPTH 244 WHEN DRILLED, 119.4 FT IN 1952.
 LSD 2297 FT ABOVE MSL.
 HIGHEST WATER LEVEL 95.00 BELOW LSD, APR. 29, 1946,
 LOWEST WATER LEVEL 103.55 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1920-21, 1946, 1952-54, 1958-59, 1962-63, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	102.69	OCT. 21, 1975	103.10	DEC. 31, 1976	103.55		

Table 1.--Records of water level, 1974-76--Continued

26S/40E-18N1 M. DEPTH 157.85 FT IN 1953, 554.7 FT IN 1955; NO RECORD OF DEEPENING.
 LSD 2316.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 108.00 BELOW LSD, , 1921,
 LOWEST WATER LEVEL 157.93 BELOW LSD, OCT. 21, 1975.
 RECORDS AVAILABLE: 1921, 1946, 1953-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	156.72	OCT. 21, 1975	157.93	DEC. 31, 1976	157.89		

26S/40E-19N1 M. DEPTH 320 FT IN 1912, 306 FT IN 1952.
 LSD 2337.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 127.80 BELOW LSD, , 1912,
 LOWEST WATER LEVEL 183.08 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1912, 1945-50, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	182.18	OCT. 21, 1975	181.86	DEC. 31, 1976	183.08		

26S/40E-19P1 M. PERFORATED 192-220, 253-259 FT; DEPTH 261.0 FT IN 1946.
 LSD 2336 FT ABOVE MSL.
 HIGHEST WATER LEVEL 135.90 BELOW LSD, FEB. 20, 1946,
 LOWEST WATER LEVEL 179.25 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1944, 1946, 1952-60, 1963, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	175.64	OCT. 22, 1975	177.05	DEC. 31, 1976	179.25		

26S/40E-20N1 M. RECORDS IN 1945 FURNISHED BY U.S.NAVY. DEPTH 190.1 FT IN 1952.
 LSD 2311.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 112.00 BELOW LSD, SEP. 7, 1945,
 LOWEST WATER LEVEL 147.83 BELOW LSD, DEC. 31, 1976.
 RECORDS AVAILABLE: 1945, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	145.09	OCT. 22, 1975	146.24	DEC. 31, 1976	147.83		

26S/40E-22H1 M. WELL POINT 47-49 FT.
 LSD 2226.62 FT ABOVE MSL.
 HIGHEST WATER LEVEL 17.93 BELOW LSD, OCT. 22, 1974,
 LOWEST WATER LEVEL 19.80 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1971-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	18.20	OCT. 22, 1974	17.93	OCT. 16, 1975	18.38	DEC. 30, 1976	19.80

26S/40E-22H2 M. WELL POINT 75-77 FT.
 LSD 2227.03 FT ABOVE MSL.
 HIGHEST WATER LEVEL 17.29 BELOW LSD, FEB. 16, 1972,
 LOWEST WATER LEVEL 20.51 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1972, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	18.67	OCT. 16, 1975	19.12	DEC. 30, 1976	20.51		

Table 1.--Records of water level, 1974-76--Continued

26S/40E-22H3 M. WELL POINT 95-97 FT.
 LSD 2226.23 FT ABOVE MSL.
 HIGHEST WATER LEVEL 18.29 BELOW LSD, OCT. 22, 1974,
 LOWEST WATER LEVEL 19.99 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1972, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	18.38	OCT. 22, 1974	18.29	OCT. 16, 1975	18.73	DEC. 30, 1976	19.99

26S/40E-22N1 M. DEPTH 203.2 FT IN 1952.
 LSD 2261.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.00 BELOW LSD, , 1912,
 LOWEST WATER LEVEL 80.22 BELOW LSD, DEC. 27, 1976.
 RECORDS AVAILABLE: 1912, 1946, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1974	77.20	MAR. 26, 1975	77.98	AUG. 19, 1976	80.06	DEC. 27, 1976	80.22
OCT. 22	78.08	OCT. 16	79.09				

26S/40E-22P1 M. PERFORATED 530-830 FT.
 LSD 2258.70 FT ABOVE MSL.
 HIGHEST WATER LEVEL 64.28 BELOW LSD, MAY 13, 1954,
 LOWEST WATER LEVEL 85.60 BELOW LSD, DEC. 27, 1976.
 RECORDS AVAILABLE: 1954-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	83.66	OCT. 16, 1975	85.04	DEC. 27, 1976	85.60		

26S/40E-23A1 M. WELL POINT 50-52 FT.
 LSD 2217.46 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.87 BELOW LSD, FEB. 12, 1972,
 LOWEST WATER LEVEL 31.72 BELOW LSD, OCT. 16, 1975.
 RECORDS AVAILABLE: 1972, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	31.46	OCT. 16, 1975	31.72	DEC. 30, 1976	31.20		

26S/40E-23A2 M. WELL POINT 75-77 FT.
 LSD 2217.72 FT ABOVE MSL.
 HIGHEST WATER LEVEL 30.34 BELOW LSD, FEB. 14, 1972,
 LOWEST WATER LEVEL 31.28 BELOW LSD, OCT. 16, 1975.
 RECORDS AVAILABLE: 1972, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	31.05	OCT. 16, 1975	31.28	DEC. 30, 1976	30.87		

26S/40E-23C1 M. WELL POINT 39.1-41.1 FT.
 LSD 2213.75 FT ABOVE MSL.
 HIGHEST WATER LEVEL 20.94 BELOW LSD, OCT. 18, 1971,
 LOWEST WATER LEVEL 29.10 BELOW LSD, SEP. 22, 1953.
 RECORDS AVAILABLE: 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	21.30	OCT. 22, 1974	21.50	OCT. 16, 1975	21.93	DEC. 30, 1976	22.01

Table 1.--Records of water level, 1974-76--Continued

26S/40E-24C1 M. WELL POINT 43.5-45.5 FT.
 LSD 2212 FT ABOVE MSL.
 HIGHEST WATER LEVEL 26.61 BELOW LSD, APR. 14, 1970,
 LOWEST WATER LEVEL 31.13 BELOW LSD, SEP. 22, 1953.
 RECORDS AVAILABLE: 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	27.48	OCT. 16, 1975	27.63	DEC. 30, 1976	27.21		

26S/40E-28J1 M.
 LSD 2288.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 98.30 BELOW LSD, DEC. 30, 1948,
 LOWEST WATER LEVEL 117.95 BELOW LSD, AUG. 23, 1972.
 RECORDS AVAILABLE: 1948, 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	115.73	OCT. 23, 1975	A	DEC. 31, 1976	115.90		

26S/40E-30E2 M. PERFORATED 204-402 FT.
 LSD 2342.80 FT ABOVE MSL.
 HIGHEST WATER LEVEL 151.57 BELOW LSD, OCT. 10, 1956,
 LOWEST WATER LEVEL 196.33 BELOW LSD, OCT. 19, 1973.
 RECORDS AVAILABLE: 1953-58, 1960-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	A	OCT. 24, 1975	A	DEC. 31, 1976	A		

26S/40E-30K1 M. PERFORATED 230-400, 610-730 FT.
 LSD 2340 FT ABOVE MSL.
 HIGHEST WATER LEVEL 165.00 BELOW LSD, JAN. 27, 1966,
 LOWEST WATER LEVEL 202.11 BELOW LSD, OCT. 24, 1975.
 RECORDS AVAILABLE: 1964-66, 1969, 1970-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	195.23	OCT. 24, 1975	202.11B	DEC. 30, 1976	A		

26S/40E-30K2 M. PERFORATED 220-470, 600-760 FT.
 LSD 2340 FT ABOVE MSL.
 HIGHEST WATER LEVEL 183.03 BELOW LSD, OCT. 13, 1970,
 LOWEST WATER LEVEL 208.46 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1968-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	196.95B	OCT. 24, 1975	204.24B	DEC. 30, 1976	208.46C		

26S/40E-32D1 M. DEPTH 279 FT IN 1952.
 LSD 2340.90 FT ABOVE MSL.
 HIGHEST WATER LEVEL 141.20 BELOW LSD, APR. 30, 1946,
 LOWEST WATER LEVEL 186.90 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1946, 1952-58, 1960-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	183.88	OCT. 24, 1975	186.61	DEC. 30, 1976	186.90		

Table 1.--Records of water level, 1974-76--Continued

26S/40E-32N1 M. DEPTH 391 FT IN 1950.
 LSD 2368 FT ABOVE MSL.
 HIGHEST WATER LEVEL 177.29 BELOW LSD, MAY 21, 1952,
 LOWEST WATER LEVEL 225.98 BELOW LSD, DEC. 30, 1976.
 RECORDS AVAILABLE: 1950, 1952-58, 1960-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	218.69	OCT. 23, 1975	223.34	DEC. 30, 1976	225.98		

26S/40E-33P4 M. PERFORATED 169-182, 198-216, 233-252, 256-272, 278-290 FT.
 LSD 2300 FT ABOVE MSL.
 HIGHEST WATER LEVEL 144.49 BELOW LSD, OCT. 28, 1971,
 LOWEST WATER LEVEL 158.80 BELOW LSD, JULY 8, 1965.
 RECORDS AVAILABLE: 1963-66, 1970-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	150.32	OCT. 23, 1975	152.77	DEC. 30, 1976	151.84		

26S/40E-34N1 M. PERFORATED 135-142, 146-155, 176-181 FT.
 LSD 2290.40 FT ABOVE MSL.
 HIGHEST WATER LEVEL 67.40 BELOW LSD, JAN. 13, 1946,
 LOWEST WATER LEVEL 121.35 BELOW LSD, AUG. 22, 1961.
 RECORDS AVAILABLE: 1945-50, 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	115.64	OCT. 23, 1975	116.22	DEC. 31, 1976	116.46		

26S/40E-36A1 M. PERFORATED 80-90, 107-127, 187-195, 240-260 FT.
 LSD 2247.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 56.82 BELOW LSD, MAR. 9, 1954,
 LOWEST WATER LEVEL 60.19 BELOW LSD, NOV. 14, 1967.
 RECORDS AVAILABLE: 1954-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 6, 1974	57.63	MAR. 25, 1975	57.34	AUG. 19, 1976	57.47	DEC. 27, 1976	57.55
OCT. 22	57.51	OCT. 16	57.40				

26S/41E-7D1 M. DEPTH 21.2 FT IN 1956.
 LSD 2160.20 FT ABOVE MSL.
 HIGHEST WATER LEVEL 0.84 BELOW LSD, DEC. 10, 1958,
 LOWEST WATER LEVEL 3.02 BELOW LSD, FEB. 19, 1957.
 RECORDS AVAILABLE: 1956-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 10, 1974	.98	OCT. 23, 1974	1.25	OCT. 15, 1975	2.37	DEC. 28, 1976	2.34

26S/41E-7E1 M. PERFORATED 30.0 TO 36.0 FT.
 LSD 2166.46 FT ABOVE MSL.
 HIGHEST WATER LEVEL 5.09 BELOW LSD, FEB. 19, 1962,
 LOWEST WATER LEVEL 6.19 BELOW LSD, OCT. 16, 1972.
 RECORDS AVAILABLE: 1953-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	5.39	OCT. 15, 1975	5.94	DEC. 28, 1976	5.71		

Table 1.--Records of water level, 1974-76--Continued

26S/41E-7G1 M. SCREENED 29.5 TO 31.5 FT.
 LSD 2176.73 FT ABOVE MSL.
 HIGHEST WATER LEVEL 22.98 BELOW LSD, OCT. 16, 1973,
 LOWEST WATER LEVEL 25.69 BELOW LSD, NOV. 21, 1965, NOV. 15, 1967.
 RECORDS AVAILABLE: 1953-59, 1961-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 22, 1974	23.52	OCT. 15, 1975	24.50	DEC. 28, 1976	24.09		

27S/38E-1M1 M. DEPTH 326 FT IN 1946, 305.6 FT IN 1953.
 LSD 2639 FT ABOVE MSL.
 HIGHEST WATER LEVEL 292.34 BELOW LSD, MAR. 17, 1954,
 LOWEST WATER LEVEL 294.90 BELOW LSD, NOV. 23, 1976.
 RECORDS AVAILABLE: 1921, 1946, 1953-54, 1961-69, 1971-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	294.48	OCT. 22, 1975	294.73	NOV. 23, 1976	294.90		

27S/39E-2B1 M. DEPTH 288 FT IN 1960.
 LSD 2440 FT ABOVE MSL.
 HIGHEST WATER LEVEL 243.05 BELOW LSD, AUG. 4, 1960,
 LOWEST WATER LEVEL 256.86 BELOW LSD, OCT. 20, 1966.
 RECORDS AVAILABLE: 1960, 1966-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	254.38	OCT. 24, 1975	255.42	DEC. 31, 1976	256.08		

27S/40E-1K1 M.
 LSD 2318.10 FT ABOVE MSL.
 HIGHEST WATER LEVEL 127.65 BELOW LSD, MAY 21, 1952,
 LOWEST WATER LEVEL 142.92 BELOW LSD, NOV. 14, 1967.
 RECORDS AVAILABLE: 1952-58, 1960-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	130.27	OCT. 23, 1975	130.17	NOV. 23, 1976	130.28		

27S/40E-2J1 M. DEPTH 220 FT IN 1958.
 LSD 2300 FT ABOVE MSL.
 HIGHEST WATER LEVEL 106.36 BELOW LSD, JAN. 21, 1960,
 LOWEST WATER LEVEL 124.87 BELOW LSD, SEP. 8, 1964.
 RECORDS AVAILABLE: 1958, 1960-71.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1974	A	MAR. 25, 1975	A	AUG. 19, 1976	A	NOV. 23, 1976	A
OCT. 25	4	OCT. 23	A				

27S/40E-3R1 M. DEPTH 162.3 FT IN 1952.
 LSD 2287.31 FT ABOVE MSL.
 HIGHEST WATER LEVEL 92.14 BELOW LSD, MAY 22, 1952,
 LOWEST WATER LEVEL 100.09 BELOW LSD, NOV. 19, 1965.
 RECORDS AVAILABLE: 1952-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1974	97.00	MAR. 25, 1975	96.78	AUG. 19, 1976	97.30	NOV. 23, 1976	97.48
OCT. 25	97.16	OCT. 23	97.23				

Table 1.--Records of water level, 1974-76--Continued

27S/40E-4A1 M. DEPTH 273 FT IN 1959.
 LSD 2305 FT ABOVE MSL.
 HIGHEST WATER LEVEL 126.50 BELOW LSD, SEP. 18, 1969,
 LOWEST WATER LEVEL 134.19 BELOW LSD, NOV. 19, 1965.
 RECORDS AVAILABLE: 1959-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	130.15	OCT. 23, 1975	131.05	DEC. 31, 1976	130.98		

27S/40E-4C2 M. PERFORATED 150-280 FT.
 LSD 2315 FT ABOVE MSL.
 HIGHEST WATER LEVEL 122.00 BELOW LSD, , 1949,
 LOWEST WATER LEVEL 159.03 BELOW LSD, OCT. 24, 1975.
 RECORDS AVAILABLE: 1949, 1959-63, 1965, 1970-72, 1974-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	151.12	OCT. 24, 1975	159.038	DEC. 30, 1976	155.26		

27S/40E-7M1 M. PERFORATED 235-335 FT.
 LSD 2515 FT ABOVE MSL.
 HIGHEST WATER LEVEL 306.65 BELOW LSD, OCT. 24, 1962,
 LOWEST WATER LEVEL 315.51 BELOW LSD, OCT. 24, 1975.
 RECORDS AVAILABLE: 1962, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1974	314.40	OCT. 24, 1975	315.51	DEC. 31, 1976	314.98		

27S/40E-10R1 M. DEPTH 262.5 FT IN 1960.
 LSD 2380 FT ABOVE MSL.
 HIGHEST WATER LEVEL 195.54 BELOW LSD, DEC. 11, 1958,
 LOWEST WATER LEVEL 199.55 BELOW LSD, OCT. 20, 1966.
 RECORDS AVAILABLE: 1958, 1960-62, 1965-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1974	196.82	MAR. 25, 1975	197.05	AUG. 19, 1976	197.53	NOV. 23, 1976	197.73
OCT. 25	197.31	OCT. 23	197.41				

27S/40E-15D1 M. DEPTH 240 FT IN 1961.
 LSD 2385 FT ABOVE MSL.
 HIGHEST WATER LEVEL 196.14 BELOW LSD, NOV. 7, 1961,
 LOWEST WATER LEVEL 202.95 BELOW LSD, NOV. 23, 1976.
 RECORDS AVAILABLE: 1961, 1963-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	201.90	OCT. 23, 1975	202.33	NOV. 23, 1976	202.95		

27S/40E-15L1 M. DEPTH 274.0 FT IN 1959.
 LSD 2470 FT ABOVE MSL.
 HIGHEST WATER LEVEL 230.65 BELOW LSD, JULY 27, 1960,
 LOWEST WATER LEVEL 254.57 BELOW LSD, OCT. 18, 1972.
 RECORDS AVAILABLE: 1959-60, 1962-76.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1974	252.09	MAR. 25, 1975	251.02	OCT. 23, 1975	251.05	NOV. 23, 1976	250.80

EXPLANATION OF CHEMICAL ANALYSIS TABLE

Any column:

E Estimated value

< Actual value is known to be less than the value shown

Code for agency collecting sample:

and

Code for agency analyzing sample:

704 Navy

1028 Geological Survey

9801 Private laboratory

9999 Other (In this report Indian Wells Valley Water District)

Table 2.--Chemical analyses of ground water

[The analysis of each sample is displayed as one line on five consecutive pages]

LOCAL IDENT- I- FIER	DATE OF SAMPLE	TIME	DIS- SOLVED SILICA (SiO ₂) (MG/L)	TOTAL IRON (Fe) (UG/L)	DIS- SOLVED IRON (Fe) (UG/L)	TOTAL MAN- GANSE (Mn) (UG/L)	DIS- SOLVED MAN- GANSE (Mn) (UG/L)	DIS- SOLVED CAL- CIUM (Ca) (MG/L)	DIS- SOLVED MAG- NE- SIUM (Mg) (MG/L)	DIS- SOLVED SODIUM (Na) (MG/L)	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)
INYOKERN AREA											
0265039E19K01M	74-06-00	--	24	--	100	--	12	70	11	94	2.9
	75-05-01	--	21	113	--	--	0	58	9.0	84	2.7
	76-05-12	--	13	513	--	5	--	61	8.8	89	3.3
0265039E19P01M	74-06-00	--	24	--	30	--	9	35	2.9	62	1.7
	76-05-12	--	34	38	--	1	--	35	6.8	66	1.9
0265039E19Q01M	74-06-00	--	19	--	4460	--	68	77	7.8	100	3.4
	75-05-01	--	19	1500	--	--	0	72	5.0	120	3.5
	76-05-12	--	29	967	--	19	--	7.4	7.8	120	3.3
0265039E30C01M	75-05-01	--	30	687	--	--	8	38	13	78	5.6
0265039E30F01M	74-06-00	--	20	--	290	--	9	32	4.9	64	1.8
	75-05-01	--	22	9	--	--	0	32	3.0	76	2.2
	76-05-12	--	35	263	--	<1	--	34	2.9	87	2.3
0265039E30F03M	74-02-00	--	--	--	390	--	11	33	--	--	1.7
INTERMEDIATE AREA											
0265039E23J01M	74-02-00	--	--	17	--	<2	26	--	--	--	2.9
	74-06-00	--	23	--	200	--	12	26	6.8	41	2.6
	75-05-01	--	24	247	--	--	34	35	6.0	46	2.2
0265039E24M01M	76-05-12	--	13	302	--	9	--	32	7.8	46	2.4
	74-06-00	--	21	--	110	--	12	18	4.9	46	1.8
	75-05-01	--	20	0	--	--	0	18	5.0	58	2.2
	76-05-12	--	47	54	--	<1	--	19	5.9	62	2.2
0265039E24P01M	74-06-00	--	29	--	220	--	9	13	2.0	62	1.3
0265040E30E01M	74-02-00	--	--	--	31	--	8	1.4	--	--	.1
0265040E30K01M	75-06-00	--	--	<100	--	--	0	6.0	6.1	86	2.8
0265040E30K02M	75-06-00	--	--	<100	--	--	0	1.2	7.8	88	1.8
RIDGECREST AREA											
0265040E28J01M	74-02-00	--	--	39	--	6	28	--	--	--	15
0265040E33P04M	75-06-00	--	--	<100	--	0	6.0	3.7	120	--	3.6
0265040E34N01M	74-06-00	--	25	--	280	--	10	37	12	64	5.0
0275040E03R01M	76-05-12	--	47	406	--	<1	--	45	12	87	4.9
	74-03-07	1630	47	--	100	--	--	32	9.5	110	4.7
	75-03-25	1315	46	--	40	--	--	39	14	170	5.7
	76-08-19	1245	50	--	70	--	--	45	17	250	5.6
0275040E04C01M	75-06-00	--	--	<100	--	--	0	38	16	110	5.3
0275040E04C02M	75-06-00	--	--	<100	--	--	0	20	7.8	150	4.9
0275040E04L01M	75-06-00	--	--	<100	--	--	0	18	7.3	160	3.8
OUTLYING AREAS											
0255039E04R01M	74-06-00	--	28	--	160	--	32	50	32	160	20
	75-05-01	--	25	0	--	--	0	48	35	160	12
	76-05-12	--	42	160	--	14	--	48	35	180	13
0255039E09J01M	74-02-00	--	--	--	1100	--	21	36	--	--	10
	74-06-00	--	48	--	310	--	38	53	20	110	9.6
	75-05-01	--	40	1980	--	--	10	37	24	100	9.8
	76-05-12	--	52	271	--	340	--	43	24	89	8.0
0255039E12R02M	74-02-00	--	--	--	250	--	<4	35	--	--	14
	74-06-00	--	35	--	110	--	14	46	20	180	14
	75-05-01	--	30	196	--	--	0	40	24	170	13
	76-05-12	--	20	254	--	<1	--	38	23	170	12
0255039E35N01M	74-06-00	--	28	--	390	--	10	37	7.8	110	2.5
	76-05-12	--	41	131	--	19	--	40	8.8	120	2.3
0255040E08A01M	74-03-05	1700	55	--	60	--	--	31	18	330	35
	75-03-24	1900	51	--	10	--	--	32	19	290	39
	76-08-17	1730	61	--	40	--	--	29	19	310	33
0255040E18R01M	74-03-05	1800	37	--	110	--	--	29	18	150	16
	75-03-24	1815	39	--	40	--	--	29	19	140	19
	76-08-17	1600	46	--	170	--	--	25	18	170	18
0255040E20F01M	74-03-07	1230	52	--	10	--	--	40	21	93	12
	75-03-24	1700	49	--	40	--	--	36	23	93	14
	76-08-18	0930	54	--	30	--	--	42	22	94	12
0255040E33L01M	74-03-07	1100	22	--	200	--	--	.3	.1	8300	63
	75-03-25	1100	20	--	300	--	--	4.2	.0	15000	130
	76-08-17	1300	15	--	300	--	--	.0	.4	15000	84
0255040E33L02M	74-03-07	1130	7.6	--	180	--	--	9.0	10	450	23
	75-03-25	1700	6.0	--	0	--	--	7.6	10	460	29
	76-08-17	1430	5.2	--	30	--	--	8.9	10	440	22
0255041E21E01M	74-06-00	--	30	--	800	--	86	45	12	1000	20
	75-05-01	--	30	1490	--	--	32	46	6.0	970	13
	76-05-12	--	14	1150	--	43	--	42	2.9	E1000	13
0265039E05F01M	74-02-00	--	--	--	2000	--	76	62	--	--	5.3
	74-06-00	--	29	--	290	--	54	56	11	120	3.0
	75-05-01	--	20	1290	--	--	39	53	10	120	3.2
	76-05-12	--	17	915	--	54	--	54	12	120	3.3

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	BICAR- BONATE (MCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (CL) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	BROMIDE (BR) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (NO ₃) (MG/L)	DIS- SOLVED NITRATE (NO ₃) (MG/L)	PHOS- PHATE (PO ₄) (MG/L)
INYOKERN AREA--Continued											
026S039E19K01M	74-06-00	68	0	91	180	.6	--	2.4	--	11	.10
	75-05-01	68	--	80	130	.5	--	2.6	--	12	--
	76-05-12	93	--	91	130	1.4	--	4.6	--	20	--
026S039E19P01M	74-06-00	110	0	60	60	.7	--	1.9	--	8.4	.20
	76-05-12	117	--	58	48	1.0	--	4.8	--	21	--
026S039E19Q01M	74-06-00	88	0	82	220	.7	--	2.9	--	13	.40
	75-05-01	54	--	90	200	.5	--	3.6	--	16	--
	76-05-12	88	--	78	190	1.5	--	5.6	--	25	--
026S039E30C01M	75-05-01	93	--	77	84	.6	--	3.5	--	15	--
026S039E30F01M	74-06-00	110	0	64	64	.7	--	2.0	--	8.9	.30
	75-05-01	103	--	60	57	.7	--	2.7	--	12	--
	76-05-12	112	--	79	48	1.1	--	5.2	--	23	--
026S039E30F03M	74-02-00	--	--	--	50	--	.2	--	--	--	--
INTERMEDIATE AREA--Continued											
026S039E23J01M	74-02-00	--	--	21	--	.1	--	--	--	--	--
	74-06-00	130	0	34	36	.6	--	.68	--	3.0	.62
	75-05-01	107	--	44	31	.4	--	3.0	--	13	--
026S039E24M01M	76-05-12	117	--	52	31	.9	--	4.4	--	19	--
	74-06-00	120	0	29	32	.7	--	1.5	--	6.6	.30
	75-05-01	98	--	30	30	.6	--	2.4	--	11	--
	76-05-12	93	12	29	22	1.1	--	4.6	--	20	--
026S039E24P01M	74-06-00	130	0	17	32	.8	--	2.1	--	9.3	.30
026S040E30E01M	74-02-00	--	--	--	40	--	.1	--	--	--	--
026S040E30K01M	75-06-00	99	11	53	48	1.0	--	--	4.7	--	--
026S040E30K02M	75-06-00	98	16	46	47	1.2	--	--	7.2	--	--
RIDGECREST AREA--Continued											
026S040E28J01M	74-02-00	--	--	28	--	.1	--	--	--	--	--
026S040E33P04M	75-06-00	160	0	34	82	1.5	--	--	11	--	--
026S040E34N01M	74-06-00	120	0	75	92	.7	--	2.6	--	12	.30
	76-05-12	137	--	75	88	1.2	--	6.4	--	28	--
027S040E03P01M	74-03-07	179	0	57	110	.8	--	--	--	--	--
	75-03-25	173	0	99	190	1.1	--	--	--	--	--
	76-08-19	165	0	160	280	1.2	--	--	--	--	--
027S040E04C01M	75-06-00	95	0	65	170	.7	--	--	10	--	--
027S040E04C02M	75-06-00	130	0	53	170	1.1	--	--	9.5	--	--
027S040E04L01M	75-06-00	130	0	48	180	1.0	--	--	15	--	--
OUTLYING AREAS--Continued											
025S039E04R01M	74-06-00	400	0	140	110	.8	--	2.2	--	9.7	.30
	75-05-01	395	--	130	100	.9	--	1.7	--	7.5	--
	76-05-12	134	--	130	110	1.0	--	2.5	--	11	--
025S039E09J01M	74-02-00	--	--	--	48	--	.2	--	--	--	--
	74-06-00	330	10	72	72	.8	--	16	--	71	.30
	75-05-01	317	--	65	53	.9	--	1.1	--	4.9	--
	76-05-12	356	--	65	57	1.8	--	1.8	--	8.0	--
025S039E12R02M	74-02-00	--	--	--	120	--	.3	--	--	--	--
	74-06-00	350	0	150	120	.9	--	1.7	--	7.5	.20
	75-05-01	337	0	130	110	1.1	--	1.8	--	8.0	--
	76-05-12	351	--	130	110	1.1	--	2.8	--	12	--
025S039E35N01M	74-06-00	170	0	78	110	.8	--	2.2	--	9.7	.30
	76-05-12	234	--	78	97	1.0	--	3.0	--	13	--
025S040E08A01M	74-03-05	380	0	180	310	1.4	--	--	--	--	--
	75-03-24	403	0	160	250	.1	--	--	--	--	--
	76-05-12	351	--	130	110	1.1	--	2.8	--	12	--
025S039E35N01M	74-06-00	170	0	78	110	.8	--	2.2	--	9.7	.30
	76-05-12	234	--	78	97	1.0	--	3.0	--	13	--
025S040E08A01M	74-03-05	380	0	180	310	1.4	--	--	--	--	--
	75-03-24	403	0	160	250	.1	--	--	--	--	--
	76-08-17	376	0	150	290	1.5	--	--	--	--	--
025S040E18W01M	74-03-05	379	0	120	40	1.3	--	--	--	--	--
	75-03-24	395	0	91	38	1.3	--	--	--	--	--
	76-08-17	441	0	88	40	1.3	--	--	--	--	--
025S040E20F01M	74-03-07	328	0	79	46	.9	--	--	--	--	--
	75-03-24	327	0	70	60	1.0	--	--	--	--	--
	76-08-18	329	0	78	47	.9	--	--	--	--	--
025S040E33L01M	74-03-07	3570	5120	3800	2200	11	--	--	--	--	--
	75-03-25	6130	12100	4500	3500	16	--	--	--	--	--
	76-08-17	4470	12400	4600	3700	18	--	--	--	--	--
025S040E33L02M	74-03-07	299	8	90	520	.6	--	--	--	--	--
	75-03-25	311	14	92	510	.6	--	--	--	--	--
	76-08-17	294	16	91	480	.7	--	--	--	--	--
025S041E21E01M	74-06-00	180	0	360	1400	4.4	--	7.1	--	31	.30
	75-05-01	142	--	250	1300	.4	--	14	--	62	--
	76-05-12	156	--	320	1300	1.4	--	18	--	80	--
026S039E05F01M	74-02-00	--	--	--	96	--	.2	--	--	--	--
	74-06-00	200	0	160	92	.8	--	1.4	--	6.2	.20
	75-05-01	176	--	160	66	.7	--	1.2	--	5.3	--
	76-05-12	185	--	180	70	1.1	--	2.0	--	8.9	--

Table 2.--Chemical analyses of ground water--Continued

LOCAL IOENT- I- FIER	DATE OF SAMPLE	DIS- SOLVED DPTH PHOS- (PO4) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CDNSTI- TUENTS) (MG/L)	NON- CAR- NESS (CA+Mg) (MG/L)	HARD- NESS (MG/L)	BONATE (MG/L)	SODIUM PERCENT SODIUM (MG/L)	SPE- CIFIC COND- SORP- TION (MICRO- MHOS)	PH	TEMPER- ATURE (DEG C)	CARBON DIOXIDE (CO2) (MG/L)
INYOKERN AREA--Continued											
026S039E19K01M	74-06-00	--	514	220	160	48	2.8	895	7.5	--	3.4
	75-05-01	.03	423	180	120	50	2.7	730	7.3	--	5.5
	76-05-12	.43	450	190	110	50	2.8	760	7.5	--	4.7
026S039E19P01M	74-06-00	--	301	100	10	57	2.7	545	7.4	--	7.0
	76-05-12	.19	313	120	24	55	2.7	510	7.8	--	3.0
026S039E19Q01M	74-06-00	--	564	220	150	49	2.9	1060	7.3	--	7.1
	75-05-01	.01	544	200	160	56	3.7	900	7.5	--	2.7
	76-05-12	.09	599	220	150	83	7.3	920	7.8	--	2.2
026S039E30C01M	75-05-01	.05	377	150	74	52	2.8	600	8.4	--	.6
026S039E30F01M	74-06-00	--	307	100	10	58	2.8	545	7.4	--	7.0
	75-05-01	.01	306	94	10	64	3.4	470	7.2	--	10
	76-05-12	--	350	96	4	65	3.8	--	7.9	--	2.3
026S039E30F03M	74-02-00	--	--	--	--	--	--	--	--	--	--
INTERMEDIATE AREA--Continued											
026S039E23J01M	74-02-00	--	--	--	--	--	--	--	--	--	--
	74-06-00	--	233	92	0	48	1.9	380	7.6	--	5.2
	75-05-01	.31	245	110	22	47	1.9	400	7.1	--	14
	76-05-12	.11	248	110	14	47	1.9	400	7.7	--	3.7
026S039E24M01M	74-06-00	--	212	64	0	60	2.5	360	7.8	--	3.0
	75-05-01	.06	214	64	0	65	3.1	350	8.2	--	1.0
	76-05-12	.12	250	72	0	64	3.2	310	8.5	--	.6
026S039E24P01M	74-06-00	--	227	40	0	76	4.2	370	8.3	--	1.0
026S040E30E01M	74-02-00	--	--	--	--	--	--	--	--	--	--
026S040E30K01M	75-06-00	--	--	40	0	81	5.9	345	8.8	--	.3
026S040E30K02M	75-06-00	--	--	35	0	84	6.5	425	8.9	--	.3
RIDGECREST AREA--Continued											
026S040E28J01M	74-02-00	--	--	--	--	--	--	--	--	--	--
026S040E33P04M	75-06-00	--	--	30	0	88	9.5	580	8.0	--	2.6
026S040E34N01M	74-06-00	--	371	140	42	48	2.3	650	7.7	--	3.8
	76-05-12	.13	435	160	48	53	3.0	600	--	--	--
027S040E03R01M	74-03-07	--	469	120	0	66	4.4	774	8.2	--	1.8
	75-03-25	--	660	160	13	70	5.9	1080	7.8	18.0	4.4
	76-08-19	--	923	180	47	74	8.1	1480	7.9	24.5	3.3
027S040E04C01M	75-06-00	--	--	160	82	59	3.8	820	7.4	--	6.1
027S040E04C02M	75-06-00	--	--	82	0	79	7.2	840	7.9	--	2.6
027S040E04L01M	75-06-00	--	--	76	0	81	8.0	890	7.9	--	2.6
OUTLYING AREAS--Continued											
025S039E04R01M	74-06-00	--	750	260	0	55	4.3	1260	7.8	--	10
	75-05-01	.06	710	260	0	55	4.3	1200	7.8	--	10
	76-05-12	.14	777	260	150	58	4.8	1260	7.8	--	3.4
025S039E09J01M	74-02-00	--	--	--	--	--	--	--	--	--	--
	74-06-00	--	571	210	0	51	3.3	900	8.6	--	1.4
	75-05-01	.18	494	190	0	52	3.1	800	8.1	--	4.0
	76-05-12	.17	518	210	0	47	2.7	860	7.8	--	9.0
025S039E12R02M	74-02-00	--	--	--	--	--	--	--	--	--	--
	74-06-00	--	741	200	0	65	5.6	1220	8.1	--	4.4
	75-05-01	.15	692	200	0	63	5.2	1180	7.4	--	21
	76-05-12	.24	675	190	0	64	5.4	1130	7.9	--	7.1
025S039E35N01M	74-06-00	--	465	120	0	65	4.3	810	7.1	--	22
	76-05-12	.26	508	140	0	65	4.5	750	7.7	--	7.5
025S040E08A01M	74-03-05	--	1160	150	0	79	12	1880	8.2	--	3.9
	75-03-24	--	1040	160	0	75	10	1700	8.1	18.0	5.1
	76-05-12	.24	675	190	0	64	5.4	1130	7.9	--	6.0
025S040E18R01M	74-03-05	--	601	150	0	66	5.4	928	8.3	--	3.0
	75-03-24	--	583	150	0	64	5.0	920	8.0	16.5	6.3
	76-08-17	--	637	140	0	70	6.3	965	8.4	20.5	2.8
025S040E20F01M	74-03-07	--	507	190	0	50	3.0	784	8.1	--	4.2
	75-03-24	--	508	180	0	50	3.0	740	7.7	20.5	10
	76-08-18	--	514	200	0	49	2.9	740	7.9	23.0	6.6
025S040E33L01M	74-03-07	--	21300	1	0	100	3350	26600	9.9	--	2.8
	75-03-25	--	38400	10	0	99	2020	42800	10.1	19.0	3.9
	76-08-17	--	38100	2	0	100	5090	43750	9.8	24.5	7.5
025S040E33L02M	74-03-07	--	1270	64	0	91	25	2290	8.6	25.0	1.3
	75-03-25	--	1290	60	0	91	26	2100	8.6	16.0	1.4
	76-08-17	--	1230	63	0	91	24	2307	8.6	23.0	1.3
025S041E21E01M	74-06-00	--	3010	160	12	92	34	5300	8.1	--	2.3
	75-05-01	.21	2710	140	24	93	36	4800	7.8	--	3.6
	76-05-12	.14	2890	120	0	--	--	5200	8.4	--	1.0
026S039E05F01M	74-02-00	--	--	--	--	--	--	--	--	--	--
	74-06-00	--	575	180	16	58	3.8	940	7.9	--	4.0
	75-05-01	.03	522	170	26	60	4.0	880	7.8	--	4.5
	76-05-12	.64	555	180	28	58	3.8	820	7.8	--	4.7

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	METHY- LENE BLUE	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	DIS- SOLVED	TOTAL	DIS- SOLVED	DIS- SOLVED
		ACTIVE SUB- STANCE (MG/L)	TOTAL ARSENIC (AS) (UG/L)	ARSENIC (AS) (UG/L)	BARIUM (BA) (UG/L)	BORON (B) (UG/L)	CHRO- MIUM (CR) (UG/L)	COPPER (CU) (UG/L)	COPPER (CU) (UG/L)	LEAD (PB) (UG/L)
INYOKERN AREA--Continued										
026S039E19K01M	74-06-00	.03	--	--	--	100	--	--	--	42
	75-05-01	.01	--	--	--	0	--	--	--	63
	76-05-12	.10	--	--	--	250	--	--	5	--
026S039E19P01M	74-06-00	.02	--	--	--	100	--	--	--	55
	76-05-12	.02	--	--	--	250	--	--	35	--
026S039E19Q01M	74-06-00	.01	--	--	--	100	--	--	--	94
	75-05-01	.01	--	--	--	0	--	--	--	11
	76-05-12	<.01	--	--	--	230	--	--	23	--
026S039E30C01M	75-05-01	.01	--	--	--	500	--	--	--	79
026S039E30F01M	74-06-00	.10	--	--	--	100	--	--	--	51
	75-05-01	.02	--	--	--	0	--	--	--	29
	76-05-12	--	--	--	--	150	--	--	5	--
026S039E30F03M	74-02-00	--	--	2	<32	--	<6	<6	--	10
										4
INTERMEDIATE AREA--Continued										
026S039E23J01M	74-02-00	--	--	4	<18	--	<4	<2	--	2
	74-06-00	.03	--	--	--	300	--	--	--	42
	75-05-01	.01	--	--	--	500	--	--	--	18
026S039E24M01M	76-05-12	.01	--	--	--	200	--	--	9	--
	74-06-00	.02	--	--	--	200	--	--	--	66
	75-05-01	.02	--	--	--	0	--	--	--	14
	76-05-12	.04	--	--	--	200	--	--	3	--
026S039E24P01M	74-06-00	.03	--	--	--	200	--	--	--	51
026S040E30E01M	74-02-00	--	--	18	<30	--	<6	<2	--	1
026S040E30K01M	75-06-00	--	--	<10	--	500	--	--	--	<100
026S040E30K02M	75-06-00	--	--	<10	--	300	--	--	--	<100
RIDGECREST AREA--Continued										
026S040E28J01M	74-02-00	--	--	<1	<23	--	<4	<2	--	13
026S040E33P04M	75-06-00	--	--	<10	--	800	--	--	<100	<20
026S040E34N01M	74-06-00	.04	--	--	--	100	--	--	--	51
	76-05-12	<.02	--	--	--	320	--	--	--	11
027S040E03R01M	74-03-07	--	16	--	--	1100	--	--	--	--
	75-03-25	--	11	--	--	3300	--	--	--	--
	76-08-19	--	16	--	--	1900	--	--	--	--
027S040E04C01M	75-06-00	--	--	<10	--	100	--	--	<100	<20
027S040E04C02M	75-06-00	--	--	<10	--	400	--	--	<100	<20
027S040E04L01M	75-06-00	--	--	<10	--	500	--	--	<100	<20
OUTLYING AREAS--Continued										
025S039E04R01M	74-06-00	.00	--	--	--	1700	--	--	--	68
	75-05-01	.02	--	--	--	2500	--	--	--	18
	76-05-12	.02	--	--	--	1780	--	--	6	--
025S039E09J01M	74-02-00	--	--	6	<25	--	<5	<6	--	75
	74-06-00	.02	--	--	--	800	--	--	--	81
	75-05-01	.01	--	--	--	800	--	--	--	121
025S039E12R02M	76-05-12	<.01	--	--	--	1090	--	--	5	--
	74-02-00	--	--	13	<31	--	<6	<4	--	51
	74-06-00	.02	--	--	--	2500	--	--	--	81
025S039E35N01M	75-05-01	.02	--	--	--	2500	--	--	--	19
	76-05-12	.02	--	--	--	2060	--	--	6	--
	74-06-00	.02	--	--	--	500	--	--	--	61
025S040E08A01M	76-05-12	.02	--	--	--	1110	--	--	--	23
	74-03-05	--	48	--	--	7000	--	--	--	--
025S040E18R01M	75-03-24	--	180	--	--	3900	--	--	--	--
	76-08-17	--	150	--	--	3800	--	--	--	--
	74-03-05	--	17	--	--	2900	--	--	--	--
025S040E20F01M	75-03-24	--	14	--	--	860	--	--	--	--
	76-08-17	--	13	--	--	900	--	--	--	--
	74-03-07	--	20	--	--	870	--	--	--	--
025S040E33L01M	75-03-24	--	9	--	--	490	--	--	--	--
	76-08-18	--	18	--	--	1000	--	--	--	--
	74-03-07	--	1500	--	--	57000	--	--	--	--
025S040E33L02M	75-03-25	--	3800	--	--	120000	--	--	--	--
	76-08-17	--	4000	--	--	120000	--	--	--	--
	74-03-07	--	14	--	--	3800	--	--	--	--
025S041E21E01M	75-03-25	--	5	--	--	3500	--	--	--	--
	76-08-17	--	6	--	--	7700	--	--	--	--
026S039E05F01M	74-06-00	.06	--	--	--	8400	--	--	--	81
	75-05-01	.03	--	--	--	8200	--	--	--	84
026S039E05F01M	76-05-12	.07	--	--	--	6000	--	--	15	--
	74-02-00	--	--	<1	<43	--	<7	<23	--	87
	74-06-00	.06	--	--	--	300	--	--	--	65
	75-05-01	.01	--	--	--	0	--	--	--	73
	76-05-12	.05	--	--	--	670	--	--	12	--

Table 2.--Chemical analyses of ground water--Continued

LDCAL IDENT- I- FIER	DATE OF SAMPLE	DIS- SOLVED MERCURY (HG) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	DIS- SOLVED STRON- TIUM (SR) (UG/L)	DIS- SOLVED VANA- DIUM (V) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)	DIS- SOLVED GER- MANIUM (GE) (UG/L)	DIS- SOLVED RUBI- DIUM (RB) (UG/L)	DIS- SOLVED TI- TANIUM (Ti) (UG/L)	CODE FDR AGENCY COL- LECTING SAMPLE	CODE FOR AGENCY ANA- LYZING SAMPLE
INYOKERN AREA--Continued												
026S039E19K01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E19P01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E19Q01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E30C01M	75-05-01	--	--	--	--	--	--	--	--	--	704	704
026S039E30F01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E30F03M	74-02-00	<.8	<2	<1	320	<14	69	<1	<2	<15	704	9801
INTERMEDIATE AREA--Continued												
026S039E23J01M	74-02-00	1.0	<1	<1	360	23	10	<1	<2	<9	704	9801
	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E24M01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E24P01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
026S040E30E01M	74-02-00	<.5	<1	<4	17	<8.0	4	4	<2	<13	704	9801
026S040E30K01M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
026S040E30K02M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
RIDGECREST AREA--Continued												
026S040E28J01M	74-02-00	<.6	<1	<1	970	<6.0	2	1	2	<10	704	9801
026S040E33P04M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
026S040E34N01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
027S040E03H01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-19	--	--	--	--	--	--	--	--	--	1028	1028
027S040E04C01M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
027S040E04C02M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
027S040E04L01M	75-06-00	--	--	<8	--	<100	--	--	--	--	9999	9801
OUTLYING AREAS--Continued												
025S039E04R01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
025S039E09J01M	74-02-00	<.9	1	<1	780	<8.0	300	<2	<3	<12	704	9801
	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
025S039E12K02M	74-02-00	<1.0	2	<1	580	16	57	<1	14	<14	704	9801
	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
025S039E35N01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
025S040E08A01M	74-03-05	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-24	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-17	--	--	--	--	--	--	--	--	--	1028	1028
025S040E18R01M	74-03-05	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-24	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-17	--	--	--	--	--	--	--	--	--	1028	1028
025S040E20F01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-24	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-18	--	--	--	--	--	--	--	--	--	1028	1028
025S040E33L01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-17	--	--	--	--	--	--	--	--	--	1028	1028
025S040E33L02M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
025S041E21E01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S039E05F01M	74-02-00	<.8	<1	<1	760	<10	160	<1	<3	<20	704	9801
	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704

Table 2.--Chemical analyses of ground water--Continued

LDCAL IDENT- I- FIER	DATE OF SAMPLE	TIME	DIS- SOLVED (SiO ₂) (MG/L)	TOTAL SILICA (FE) (UG/L)	DIS- SOLVED IRON (FE) (UG/L)	TOTAL IRON (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED MAN- GANESE (MN) (UG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	DIS- SOLVED TAS- SIUM (K) (MG/L)
OUTLYING AREAS--Continued												
026S039E11E01M	74-02-00	--	--	--	130	--	14	65	--	--	--	4.9
	74-06-00	--	23	--	330	--	10	5.8	88	84	2.2	
	75-05-01	--	22	300	--	--	10	46	10	98	3.0	
	76-05-12	--	36	119	--	7	--	67	9.8	110	2.9	
026S040E05P01M	74-06-00	--	33	--	30	--	10	94	II	200	5.1	
	75-05-01	--	30	0	--	--	11	46	9.0	190	4.6	
	76-05-12	--	50	50	--	20	--	48	4.9	210	4.0	
026S040E10F01M	74-03-06	1100	8.7	--	50	--	--	16	2.9	150	4.4	
	75-03-25	0800	17	--	10	--	--	25	3.6	140	4.9	
	76-08-18	1130	24	--	60	--	--	24	3.5	140	3.8	
026S040E11J01M	74-03-07	1000	5.2	--	70	--	--	II	2.7	1400	32	
	75-03-25	0900	1.4	--	10	--	--	3.5	.1	1200	38	
	76-08-18	1530	22	--	60	--	--	8.2	3.8	750	23	
026S040E15E01M	74-03-05	1200	47	--	780	--	--	6.2	.8	170	3.5	
	75-03-26	0800	40	--	530	--	--	7.3	1.5	160	5.5	
	76-08-18	1800	46	--	910	--	--	7.3	1.6	160	3.0	
026S040E15E02M	74-03-05	1500	41	--	1600	--	--	1.4	.6	1800	16	
	75-03-26	0900	38	--	40	--	--	2.7	.7	1800	18	
026S040E22N01M	74-03-06	1700	8.5	--	770	--	--	.6	.9	1800	14	
	74-03-06	1300	48	--	30	--	--	48	26	110	12	
	75-03-26	1030	47	--	10	--	--	58	35	110	14	
	76-08-19	1500	56	--	70	--	--	66	36	120	12	
026S040E36A01M	74-03-06	1500	47	--	290	--	--	16	2.6	140	4.2	
	75-03-25	1530	39	--	260	--	--	17	3.2	140	4.9	
	76-08-19	1700	41	--	170	--	--	22	4.5	160	4.7	
027S040E02H01M	75-05-01	--	30	127	--	--	0	15	3.4	190	3.7	
027S040E02J01M	74-03-06	1530	58	--	40	--	--	87	15	290	7.4	
	75-03-25	1200	51	--	30	--	--	88	15	300	7.4	
	76-08-19	0830	57	--	40	--	--	90	17	300	7.2	
027S040E10H01M	74-03-07	1800	10	--	69000	--	--	200	12	800	45	
	75-03-25	1415	5.3	--	1200	--	--	92	7.7	900	58	
	76-08-19	1030	11	--	87000	--	--	230	14	830	45	
027S040E15L01M	74-03-07	1700	42	--	360	--	--	190	42	280	14	

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	BICAR- BONATE (HCO ₃) (MG/L)	CAR- BONATE (CO ₃) (MG/L)	DIS- SOLVED SULFATE (SO ₄) (MG/L)	DIS- SOLVED CHLO- RIDE (Cl) (MG/L)	DIS- SOLVED FLUO- RIDE (F) (MG/L)	BROMIDE (Br) (MG/L)	DIS- SOLVED NITRATE (N) (MG/L)	TOTAL NITRATE (NO ₃) (MG/L)	DIS- SOLVED NITRATE (NO ₃) (MG/L)	PHOS- PHATE (PO ₄) (MG/L)
OUTLYING AREAS--Continued											
026S039E11E01M	74-02-00	--	--	--	120	--	.3	--	--	--	--
	74-06-00	220	0	46	100	.7	--	2.1	--	9.3	1.0
	75-05-01	160	0	35	88	.8	--	2.1	--	9.3	--
	76-05-12	249	--	68	88	.8	--	2.2	--	9.7	--
026S040E05P01M	74-06-00	230	0	87	310	.9	--	3.6	--	16	.40
	75-05-01	220	0	82	190	1.0	--	2.1	--	9.3	--
	76-05-12	259	--	91	190	1.3	--	3.6	--	16	--
026S040E10F01M	74-03-06	289	0	11	87	1.2	--	--	--	--	--
	75-03-25	267	0	11	110	1.3	--	--	--	--	--
	76-08-18	245	0	9.9	130	1.4	--	--	--	--	--
026S040E11J01M	74-03-07	0	103	350	1800	1.4	--	--	--	--	--
	75-03-25	0	140	250	1400	1.4	--	--	--	--	--
	76-08-18	27	106	140	970	1.3	--	--	--	--	--
026S040E15E01M	74-03-05	323	30	17	50	1.4	--	--	--	--	--
	75-03-26	351	0	16	45	1.4	--	--	--	--	--
	76-08-18	373	0	17	49	1.2	--	--	--	--	--
026S040E15E02M	74-03-05	1800	1070	19	460	9.5	--	--	--	--	--
	75-03-26	1950	984	43	460	6.0	--	--	--	--	--
	76-08-18	1940	1050	48	310	7.3	--	--	--	--	--
026S040E22N01M	74-03-06	207	0	280	23	2.8	--	--	--	--	--
	75-03-26	203	0	340	20	.7	--	--	--	--	--
	76-08-19	199	0	350	21	2.1	--	--	--	--	--
026S040E36A01M	74-03-06	160	0	36	130	1.0	--	--	--	--	--
	75-03-25	158	0	40	140	1.0	--	--	--	--	--
	76-08-19	134	3	56	190	.8	--	--	--	--	--
027S040E02H01M	75-05-01	190	--	35	240	1.5	--	3.8	--	17	--
027S040E02J01M	74-03-06	231	0	71	470	.9	--	--	--	--	--
	75-03-25	227	0	71	460	1.0	--	--	--	--	--
	76-08-19	230	0	69	480	1.0	--	--	--	--	--
027S040E10R01M	74-03-07	0	0	7.2	1700	.9	--	--	--	--	--
	75-03-25	60	0	11	1600	.8	--	--	--	--	--
	76-08-19	0	--	.0	2000	.7	--	--	--	--	--
027S040E15L01M	74-03-07	109	0	100	760	.8	--	--	--	--	--

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	DIS- SOLVED ORTHO PHOS- (PO4)	DIS- SOLVED SOLID SUM OF CONSTI- (TUEANTS) (MG/L)	NON- CAR- NESS (Ca,Mg) (MG/L)	HARD- NESS (MG/L)	BONATE (MG/L)	SODIUM PERCENT SODIUM (MG/L)	SPE- CIFIC AD- SORP- TION (MICRD- MHS)	CIFIC CON- DUCT- ANCE (UNITS)	PH	TEMPER- ATURE (DEG C)	CARBON DIOXIDE (CO2) (MG/L)
OUTLYING AREAS--Continued												
026S039E11E01M	74-02-00	--	--	--	--	--	--	--	--	--	--	--
	74-06-00	--	459	180	0	33	1.9	770	7.4	--	14	
	75-05-01	.50	414	160	29	57	3.4	720	7.3	--	13	
	76-05-12	.19	509	210	6	53	3.3	800	7.6	--	10	
026S040E05P01M	74-06-00	--	864	280	91	60	5.2	1620	7.2	--	23	
	75-05-01	.10	666	120	0	72	6.7	1150	7.7	--	7.0	
	76-05-12	.23	734	140	0	76	7.7	1120	7.9	--	5.2	
026S040E10F01M	74-03-06	--	436	52	0	85	9.1	757	8.3	--	2.3	
	75-03-25	--	451	77	0	79	6.9	700	7.3	17.0	21	
	76-08-18	--	465	74	0	79	7.1	780	7.5	22.0	12	
026S040E11J01M	74-03-07	--	3720	39	0	97	98	6760	10.2	--	.0	
	75-03-25	--	3080	9	0	98	173	5760	11.3	17.0	.0	
	76-08-18	--	2040	36	0	96	54	3690	10.4	26.5	.0	
026S040E15E01M	74-03-05	--	499	19	0	94	17	749	8.7	--	1.2	
	75-03-26	--	466	24	0	92	14	695	8.3	20.5	2.8	
	76-08-18	--	485	25	0	92	14	640	7.5	22.0	19	
026S040E15E02M	74-03-05	--	4730	6	0	99	321	6270	9.0	--	6.4	
	75-03-26	--	4730	10	0	99	253	6220	8.9	20.5	8.0	
	76-08-18	--	4600	5	0	99	343	6280	9.0	24.0	6.5	
026S040E22N01M	74-03-06	--	654	230	57	50	3.2	960	8.2	--	2.1	
	75-03-26	--	726	290	120	44	2.8	1040	8.2	20.5	2.0	
	76-08-19	--	762	310	150	44	3.0	1060	8.3	25.0	1.6	
026S040E36A01M	74-03-06	--	462	51	0	84	8.6	754	8.2	--	1.6	
	75-03-25	--	464	56	0	83	8.2	800	8.2	20.0	1.6	
	76-08-19	--	549	73	0	81	8.1	956	8.4	22.5	.9	
027S040E02H01M	75-05-01	.20	617	52	0	88	12	920	7.3	--	15	
027S040E02J01M	74-03-06	--	1130	280	90	69	7.6	1980	7.5	--	12	
	75-03-25	--	1120	280	95	69	7.8	1900	7.2	22.5	23	
	76-08-19	--	1150	290	110	68	7.6	2040	7.3	21.5	18	
027S040E10R01M	74-03-07	--	2850	550	550	74	15	5320	4.7	--	.0	
	75-03-25	--	2710	260	210	85	24	5000	6.5	17.5	30	
	76-08-19	--	3230	630	630	72	14	5996	--	25.0	--	
027S040E15L01M	74-03-07	--	1500	650	560	48	4.8	2780	7.7	--	3.5	

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	METHY-	LENE	DIS-	DIS-	DIS-	DIS-	DIS-	DIS-	DIS-	DIS-
		BLUE	SUB- STANCE	TOTAL (AS)	SOLVED (AS)	SOLVED (BA)	SOLVED (B)	CHRO- MIUM (CR)	SOLVED (CO)	TOTAL (UG/L)	SOLVED (CU)
OUTLYING AREAS--Continued											
0265039E11E01M	74-02-00	--	--	2	<53	--	<4	<3	--	6	<1
	74-06-00	.04	--	--	--	1700	--	--	--	55	--
	75-05-01	.05	--	--	--	3200	--	--	--	10	--
	76-05-12	.06	--	--	--	2090	--	--	23	--	--
0265040E05P01M	74-06-00	.05	--	--	--	2100	--	--	--	110	--
	75-05-01	.05	--	--	--	3000	--	--	--	16	--
	76-05-12	<.01	--	--	--	2850	--	--	14	--	--
0265040E10F01M	74-03-06	--	5	--	--	11000	--	--	--	--	--
	75-03-25	--	0	--	--	6900	--	--	--	--	--
	76-08-18	--	5	--	--	6700	--	--	--	--	--
0265040E11J01M	74-03-07	--	13	--	--	7400	--	--	--	--	--
	75-03-25	--	1	--	--	6900	--	--	--	--	--
	76-08-18	--	75	--	--	4300	--	--	--	--	--
0265040E15E01M	74-03-05	--	13	--	--	13000	--	--	--	--	--
	75-03-26	--	19	--	--	13000	--	--	--	--	--
	76-08-18	--	14	--	--	15000	--	--	--	--	--
0265040E15E02M	74-03-05	--	24	--	--	42000	--	--	--	--	--
	75-03-26	--	85	--	--	42000	--	--	--	--	--
	76-08-18	--	100	--	--	40000	--	--	--	--	--
0265040E22N01M	74-03-06	--	42	--	--	1300	--	--	--	--	--
	75-03-26	--	110	--	--	810	--	--	--	--	--
	76-08-19	--	150	--	--	420	--	--	--	--	--
0265040E36A01M	74-03-06	--	23	--	--	810	--	--	--	--	--
	75-03-25	--	6	--	--	740	--	--	--	--	--
	76-08-19	--	20	--	--	810	--	--	--	--	--
0275040E02H01M	75-05-01	.04	--	--	--	700	--	--	--	318	--
0275040E02J01M	74-03-06	--	10	--	--	3100	--	--	--	--	--
	75-03-25	--	19	--	--	3100	--	--	--	--	--
	76-08-19	--	20	--	--	2800	--	--	--	--	--
0275040E10R01M	74-03-07	--	25	--	--	5800	--	--	--	--	--
	75-03-25	--	0	--	--	2700	--	--	--	--	--
	76-08-19	--	5	--	--	8500	--	--	--	--	--
0275040E15L01M	74-03-07	--	16	--	--	1900	--	--	--	--	--

Table 2.--Chemical analyses of ground water--Continued

LOCAL IDENT- I- FIER	DATE OF SAMPLE	DIS- SOLVED MERCURY (HG) (UG/L)	DIS- SOLVED NICKEL (NI) (UG/L)	DIS- SOLVED SELE- NIUM (SE) (UG/L)	DIS- SOLVED STRON- TIUM (SR) (UG/L)	DIS- SOLVED VANA- DIUM (V) (UG/L)	DIS- SOLVED ZINC (ZN) (UG/L)	DIS- SOLVED GER- MANIUM (GE) (UG/L)	DIS- SOLVED RUBI- DIUM (RB) (UG/L)	DIS- SOLVED TI- TANIUM (TI) (UG/L)	CODE FOR AGENCY COL- LECTING SAMPLE	CODE FOR AGENCY ANA- LYZING SAMPLE
OUTLYING AREAS--Continued												
026S039E11E01M	74-02-00	1.0	<1	<1	570	13	4	3	<2	<24	704	9801
	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S040E05P01M	74-06-00	--	--	--	--	--	--	--	--	--	704	704
	75-05-01	--	--	--	--	--	--	--	--	--	704	704
	76-05-12	--	--	--	--	--	--	--	--	--	704	704
026S040E10F01M	74-03-06	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-18	--	--	--	--	--	--	--	--	--	1028	1028
026S040E11J01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-18	--	--	--	--	--	--	--	--	--	1028	1028
026S040E15E01M	74-03-05	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-26	--	--	--	--	--	--	--	--	--	1028	1028
026S040E22N01M	74-03-06	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-26	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-19	--	--	--	--	--	--	--	--	--	1028	1028
026S040E36A01M	74-03-06	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-19	--	--	--	--	--	--	--	--	--	1028	1028
027S040E02H01M	75-05-01	--	--	--	--	--	--	--	--	--	704	704
027S040E02J01M	74-03-06	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-19	--	--	--	--	--	--	--	--	--	1028	1028
027S040F10R01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028
	75-03-25	--	--	--	--	--	--	--	--	--	1028	1028
	76-08-19	--	--	--	--	--	--	--	--	--	1028	1028
027S040F15L01M	74-03-07	--	--	--	--	--	--	--	--	--	1028	1028

TABLE 3.--*Public water supply criteria*

[Data from the National Academy of Sciences, National Academy of Engineering, 1972, and the U.S. Environmental Protection Agency, 1976]

Constituent	Recommended limit	
	Milligrams per liter ¹ (mg/L)	Micrograms per liter (μ g/L)
Arsenic (As)-----		50
Barium (Ba)-----	1	
Chloride (Cl)-----	250	
Chromium (Cr ⁺⁶)-----		50
Copper (Cu)-----	1	
Fluoride (F)-----	² 1.4-2.4	
Iron (Fe)-----	0.3	
Lead (Pb)-----		50
Manganese (Mn)-----		50
Mercury (Hg)-----		2
Nitrate-Nitrogen (N)-----	10	
Nitrate (NO ₃)-----	44	
Selenium (Se)-----		10
Sulfate (SO ₄)-----	250	
Zinc (Zn)-----		5000

¹Multiply milligrams per liter (mg/L) by 1,000 to obtain micrograms per liter (μ g/L).

²Depends on annual average of maximum daily air temperature.